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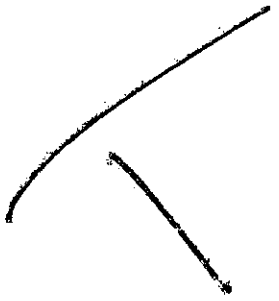
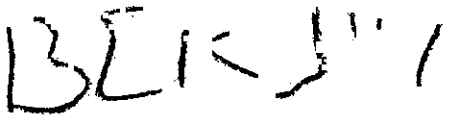
195 48-49 **File No.** 9252/36

B CLASS P.W **DEPARTMENT**

E **BRANCH**

Subject:— Division
Irrigation Research - for
Karnataka
opening of - under S.E.
S.D.C.





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File No. 9252/36

Ed. Secti. Bldg. 94 A.

No.G-108/257 Office of the Superintending Engineer,
Special Investigation Circle,
Poona No.1: 7th February 1948.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: "Irrigation Research Division for Karnatak": Opening of the .

. Though details remain to be decided, there is but little doubt that at least 2 or 3 out of the following first class Major Irrigation Schemes will be taken up for execution in Karnatak :-

S. No.	Name of Canal System.	Storage Site.	Storage capacity (M.C.Ft.)
1.	Ghataprabha Canals.	Daddi or some site on Ghataprabha and Tamraparni.	45,000
2.	-do- -do-	Ajra on Hiranya Keshi.	15,000
3.	Malaprabha Right Bank Canal.	Asoga or Bhutewadi.	15,000
4.	Bijapur Lift Irrigation (or flow canals).	Koyna Storage.	45,000
5.	Warada Canals.		30,000
6.	Tungabhadra Canals.		60,000

2. It is too early to say which out of these would be actually constructed and which deleted but it is obvious that perennial irrigation of crops like cane and fruit will be established on an un-preceedented scale. From past — — experience on first class Major Canals in the Deccan — — Irrigation Circle we know that,

(a) one acre of cane (including necessary overlap) can be irrigated per m.c.ft. of storage capacity, even on long canals,

and (b) two acres of land get damaged, for every acre of cane harvested annually.

We have, therefore, to be prepared for

(A) Selecting lands for about 60,000 acres of cane

and (B) Saving about 1,20,000 acres of lands from damage due to waterlogging and salt.

Ever

Even if we valuate an acre of land at Rs.500, this by itself involves lands worth 6 crores of rupees.

3. We must not allow our sad experience on the existing perennial canals in the Deccan Irrigation Circle to be lost sight of. In the case of canals in the Deccan Irrigation Circle, they were constructed in three stages as under :-

(1) The Nira Left and Mutha 1870-85.

(2) The Girna, Godavari and Pravara 1910-15.

(3) The Nira Right. 1913-25.

It was not, however, till 1915, that the problems about damage by waterlogging and salt were taken up for study of methods of prevention, with the result that vast areas of good lands were damaged and some still continue to be so. It was not till about 1925 that final lines could be decided upon after persistent efforts and very careful study both in field and in laboratories.

We must not repeat the mistake in the case of Karnatak. Soil classification, drainage conditions and methods to prevent damage must be studied before perennial irrigation starts and results in damage of lands.

4. The correct step would, therefore, be to open immediately an "Irrigation Research Division for Karnatak". We have already some experience at our disposal from the study of soils and subsoils in Maharashtra and that will save some time in preliminaries.

There should, however, be no misunderstanding. Our past study was limited to soils and subsoils in "Deccan traps". The parent rocks of Karnatak include quartzites, sandstones, schists and shales. The characteristics of soils derived from these, their treatments and drainage conditions are bound to be different. They will have to be studied carefully and treatments of lands for drainage determined to avoid damage.

I may here refer to the appointment of Dr.D.G. Marni for Soil Classification (vide Government Letter,

Public Works Department No.8069/36-E(I), dated the 22nd December 1947). While with his experience, Dr.Kulkarni will be able to make a beginning, one must not expect good results, unless soils and sub-soils in Karnatak are tested physically and chemically for suitability and natural Drainage. Mere superficial classification of soils will be meaningless and may actually mislead. The deep soils in Maharashtra have already taught us a lesson. They are very good for pre-canal conditions but are known to be most vulnerable for Damage under heavy irrigation. Karnatak soils may have similar pecularities and hence we must study them before we can classify them for suitability.

I suggest that we should open(in consultation with the Agricultural Department) a few "Farms" under existing canals in Karnatak where perennial crops can be grown to study nature and extent of damage possible and manuriel and other treatments suitable for crops, particularly for drainage and improvement of lands. This alone will form the foundation for correct and useful soil classification.

6. Government have already opened the "Water Resources Division". While this Division may continue its work over the remaining parts of the Province, it will be very convenient and conducive of healthy and early results if work of "Water Resources" in Karnatak were handed over to the "Executive Engineer, Irrigation Research Division, Karnatak" who will work under my direct control. As it is, I fear the Executive Engineer, Water Resources Division finds his jurisdiction far too unwieldly and the proposal made above will afford him a great relief.

7. This new Officer (Executive Engineer, Irrigation Research Division, Karnatak) will also be able to study under-ground supplies of water. It is an admitted fact that mere construction of wells, without the science for correctly locating under ground supplies of water, will lead to lamentable waste of money. Even if only about 2000 wells

are to

are to be constructed in Karnatak; the expenditure involved will be 1.5 crores.

8. I may summarize by recording that it is essential to open a new Division to be called 'Irrigation Research Division, Karnatak'. The duties will primarily include,

(a) Soil classification for Karnatak Canals.

(b) Study of soils and sub-soils with their physical and chemical properties and suitability for Drainage ~~with~~ perennial irrigation. Also coefficients for percolation, losses in transit, etc.

(c) Study of under-ground supplies of water, with a view to correct location of wells.

(d) Collection of data for run off from catchments, maximum floods, etc. and their study with a view to designing of waste weirs for dams and cross drainage works for canals in Karnatak.

(e) Collection and study of irrigational data including duties, inch depths, A.I. over D.C., salinity of waters (Dom of), values of rugocity coefficients in rocks, critical velocities in Karnatak soils, aquatic weeds; special designs of masonry works to suit conditions on Karnatak canals, will also be dealt with by ~~him~~ this Division.

Note:- Along with ~~As it~~ studies of soils in Karnatak, the Division ~~the~~ can also take up Road problems, like stabilization of soils, etc.

9. Even if two items viz. prevention of damage to lands measuring 1,20,000 acres and costing 6 crores of rupees and correct location of wells costing 1.5 crores of rupees, were considered, the opening of this Division is more than justified. I, therefore, request very early approval to the proposal of opening the "Irrigation Research Division for Karnatak". I will send separately a statement of annual expenditure and permanent capital expenditure on laboratories and farms, etc.

Superintending Engineer,
Special Investigation Circle.

D. M. D.
9252/36

9252/36
6920

P. W. D

E.B.(I)

The S.E., S.I.C., in his letter within re- f.2
quests that it is necessary to open an "Irrign. Research Dn. for Karnatak", as Major Irrigation Schemes mentioned in para. 1 f.1 of his letter are to be taken up for execution in Karnatak. In this connection it may be stated that it has been separately proposed to open a Division for the execution of the schemes on Ghataprabha Canals.

In f/le No. 7220/36

The S.E. further f.3 states that it is necessary to study the peculiarities of the Karnatak soil before they ~~are~~ soil is classified for suitability. He therefore suggests that in consultation with the Agricultural Deptt. a few 'Farms' should be opened where perennial crops can be grown to study nature and extent of damage possible and manuriel and other treatments suitable for crops, particularly for drainage and improvement of lands.

2. The S.E. f.3 suggests that the work of "Water Resources" in Karnatak may be handed over to the new Dn. viz. Irrigation Research Dn. for Karnatak, as the Ex. Engr., Water Resources Investigation Dn., finds his jurisdiction far too unwieldy, and if this proposal is accepted then it will afford him a great relief.

3. The S.E. f.4 states that it is essential to open the new Dn. as it will be in charge of the items mentioned in para. 8 f.4 of his letter.

4. It is for orders whether the S.E.'s request to open a new Dn. may be accepted in principle, if so, the S.E. will be informed accordingly and requested to send his proposals re: the estabt. required for the Dn., and the statement of annual expenditure and permanent capital expenditure on laboratories, ~~farms~~ farms, etc.

Thro: D.E.(I)

GJP.
5/3/48

D.E. f.5 5-3-48.

The proposal of the S.E.,S.I.Circle to open an Irrign.Research Division for the Karnatak are no doubt justi-

Secy (R & B)

justifiable but may be considered to be premature. The reasons for considering them premature are -

(1) No irrigation project is yet administratively approved for the Karnatak. So the area in which the new Dn. will engage itself immediately is not defined.

(2) It will have to be considered whether for a fresh single project, when sanctioned, a whole research Dn. will be necessary.

(3) The major irrigation works contemplated in the Karnatak involve a large programme of construction of Storages and long lengths of canals, and it would take a period of six years and more before the canals will function. If the Research Dn. or Sub Dn. is opened when the construction on any project starts there will be enough time to carry out soil surveys and research before irrigation commences.

(4) This Govt. intends to engage a ground water Unit and has inquired whether one such can be made available from the Survey of India. (Pl. vide G.L.No.5854/36-I.B.(II) dated 1-3-48). It is considered that this unit will certainly be better qualified for the investigation of the ground water resources.

(5) There is no reference of any kind to support the view that the E.E.W.R.Dn. finds his jurisdiction too unwieldy. It is considered that the Sub Dnl.Officer River Gauging subdn. will be the officer primarily considered with the work of collecting the rainfall and other data. For the sake of uniformity of working etc. it is desirable to have it under one central control. Of late the work in this con. is receiving very great attention of

the.....

of the Provincial and Central Govts. and it was with this idea that new Dn. was ~~created~~ created. It should be left undisturbed until actual experience would warrant a modification.

(6) In para.9 ~~of~~ the S.E. states that if early steps are taken to make the soil surveys of the Karnatak it will prevent damage to 1,20,000 acres. It is questionable whether this can be accepted. It will be admitted the measures we may take for assessing the crops and irrigation capacities of soils will only put down the rate and extent of damage and not eliminate it altogether.

SLM 10/3/48

SJ. (I+R²) ✓

Secy (I)

Secy (R+B)

VPA 8/3/48

I do not think that the necessity of a full Irrigation Research Dn for Karnatak has been justified by the S.E.S.I.C. We have very little major Irrigation there & even the proposed Irrigation Schemes are not yet administratively approved.

The problems in Karnatak might be different than those encountered in the Deccan Irrigation & as such, I feel that if a Research Sub Dn is sanctioned for Karnatak, it ought to suffice, at least for the present. It may be directly under the S.E. S.I.C & should not carry out any work at present entrusted to the Water Resources Investigation Dn. Soil classification & study of soils & subsoils ought to be its main work.

14/3/48

Secy(I) In the PWR scheme sanctioned by Govt, it has been stated that either Ghataprabha or Malaprabha will be carried out & not both. Items 5 & 6 f.1 have not been investigated at all. Item 4 f.1 might be within range of possibility when Kosna is undertaken.

2. The statement of S.E.S.I.C in para 2 f.1 that permanent

irrigation like cane & sugarcane will be undertaken on an unprecedented scale will have to be taken also with reserve. On the existing canals in the Deccan the percentage of such crops has not been more than 10 of the area. irrigated on the canal System.

I agree however that steps should be taken to carry out soil surveys and as a first step a research sub-Division should be opened to carry out the following two specific items

(a) Soil classification

(b) Study of soils & sub-soils with their physical & chemical properties & suitability for drainage under perennial irrigation.

At the moment it is unnecessary to ask the GDO to undertake any of the items (c) (d) (e)

11/3/48

1/3

Secy (R&B)

Statement showing the average pays annual expenditure involved an Irrigation Research Division under the Superintending Engineer, Special Investigation Circle, Dharwar.

S. No.	Name of Post.	Scale of the post.	No. of posts.	Rate per month.	Amount of annual expenditure (Recurring).	Amount of initial expenditure. (Non-recurring).	Total.	Remarks.
				Rs.	Rs.			
1.	Director of Irrigation Research.	510-30-660-40-1020.	1.	750.	9,000	-	9,000	
	Office Staff.							
2.	Divisional Accountant.	130-10-250-15-355.	1.	130	1,560	-	1,560	
3.	Head Clerk.	140-10-190.	1.	140	1,680	-	1,680	
4.	Senior Account Clerk.	100-8-140-10-150.	1.	100	1,200	-	1,200	
5.	Clerks: Account Clerks. 3 / Clerks. 2	92-8-140	5.	92 each.	5,520	-	5,520	
6.	Clerks.	46-3-85-4-105,	2	55 each.	1,320	-	1,320	
7.	District Clerk (Stenographer)	92-8-140	1	92 + 30 (A)	1,464	-	1,464	(A) Shorthand allowance.
8.	Store-keeper.	60-4-120-E.B.-5-150.	1.	60	720	-	720	
9.	Overseer.	80-5-100-8-140E.B. 10-220-EB-10-270	1.	200	2,400	-	2,400	
10.	Draftsman.	100-4-120-5-170 or 110-10 -180.	1.	100	1,200	.	1,200	
11.	Tracers.	46-3-85-4-105.	6	55 each.	3,960.	-	3,960	
12.	Peons: Naik 1	35-1-45	1	35	420	-	420	
	Peons 11.	30-1/2-35.	11	30 each.	3,960	-	3,960	
					34,404		34,404	
				or say	34,400		34,400	

(A-1) Office Equipment . .....

S. No.	Name of Post.	Scale of the post.	No. of posts.	Rate per month.	Amount of annual expenditure (recurring).	Amount of initial expenditure (non-recurring).	Total.	Remarks
		(A-1) Office Equipment.						
1.	Furniture.				1,000	7,000	8,000	
2.	Drawing Stationery & Drawing Instruments.				500	3,500	4,000	
3.	Office Stationery.				3,500	-	3,500	
4.	Office Rent.				6,000	-	6,000	
5.	Contingencies.				4,000	-	4,000	
6.	Travelling Allowance.				25,000	-	25,000	
					40,000	10,500	50,500	
	Tools & Plant.							
1.	Tents.		Nos.10			10,000	10,000	
2.	Augers, Probes, Ghamellas, Pharras etc.		Lump.		2,000	18,000	20,000	
3.	Boring Tools sets. Drilling Machine.							
					2,000	28,000	30,000	
	Works.							
	Boring, Collection of Data, temporary establishment; including coolies etc.				---	40,000	40,000	
		(a) Assistant Director of Soil Surveys (Staff for Soil Research Laboratory and Farms included).						
1.	Assistant Director of Soil Surveys.	170-10-250-15 400-20-500.	1.	500	6,000	-	6,000	
2.	Graduates in Agriculture.	80-5-100-8-140-10-270.	4.	200 each.	9,600	-	9,600	
3.	Graduates in Science. (Geology and Chemistry).	--- do ---	4.	150 each.	7,200	-	7,200	

4. Surveyors ....

S. No.	Name of post.	Scale of the post.	No. of posts.	Rate per month.	Amount of annual expenditure (recurring)	Amount of initial expenditure (Non-recurring.)	Total.	Remarks.
4.	Surveyors.	80-5-100-8-140-E.B.-10-220-E.B.-10-270.	8	80 each.	7,680.	-	7,680.	
5.	Auger Measurer.	46-3-85-4-105,	4	55 each.	2,640	-	2,640	
6.	Auger Mukadams.	35-1-50.	12	35 each.	5,040	-	5,040	
7.	Tracers.	46-3-85-4-105.	4	55 each.	2,640	-	2,640	
8.	Laboratory Assistants.	46-3-85.	2	55 each.	1,320	-	1,320.	
9.	Clerks.	92-8-140	1.	92	1,104	-	1,104	
10.	Clerks.	46-3-85-4-105.	3	55 each.	1,980	-	1,980.	
11.	Fieldmen.	55-3-65-3-85.	4	55 each.	2,640	-	2,640-	
12.	Computers.	46-3-85-4-105.	4.	55 each.	2,640	-	2,640	
13.	Mukadams.	35-1-50	8.	35 each.	3,360	-	3,360	
14.	Peons (including 2 watchment.)	30-1/2-35.	10	30 each.	3,600	-	3,600	
15.	Auger Khalashis.	30-1/2-35.	24	30 each.	8,640	-	8,640.	
					66,084.	-	66,084.	
				or say Rs.	66,100	-	66,100-	
	Laboratory Equipment including field outfit.							
1.	Special Apparatus.				2,000	18,000	20,000	Items concerned
2.	Fragile articles.				1,000	7,000	8,000	to Assistant
3.	Running Expenditure.				7,000		7,000	Directors
4.	Experiments.				8,000		8,000	a and b.
					18,000	25,000	43,000	
	Experimental and Demonstration Farms (in irrigated area) :- Nos.2.							
1.	Land Rent.				3,000	-	3,000	
2.	Plant and Machinery, ploughs, harrows etc.				2,000	13,000	15,000	
3.	Grants for running the two farms.				30,000		30,000	
4.	Miscellaneous.				2,000		2,000	
					37,000	13,000	50,000	

(6) Assist..

S. No.	Name of post.	Scale of the post.	No. of posts.	Rate per month.	Ammount of annual expenditue (recurring)	Amount of initial expenditare (non-recurring)	Total.	Remarks. &
(b) Assistnat Director of Hydrology.								
1.	Assistant Director of Hydrology.	170-10-250-15-400 20-500.	1.	500	6,000	-	6,000	
2.	Overseers.	80-5-100-8-140-E.B. 10-220-E.B.-10-270.	3.	150 each.	5,400	-	5,400	
3.	Sub-Overseers.	61-3-85-E.B.-4-105 E.B.-5-130.	8.	61 each.	5,856.	-	5,856.	
4.	Tracers.	46-3-85-4-105.	4.	55 each.	2,640	-	2,640	
5.	Clerks.	92-8-140	1.	92	1,104	-	1,104-	
6.	Clerks.	46-3-85-4-105.	3	55 each.	1,980	-	1,980.	
7.	Computors.	-- do --	2	55 each.	1,320	-	1,320	
8.	Peons.	30-1/2-35.	8	30 each.	2,880	-	2,880	
9.	Auger Khalashis.	30-1/2-35,	12	30 each.	4,320	-	4,320	
10	Working expenses.				25,000	-	25,000	
					56,500	-	56,500	
(c) Assistant Director of Statistics and Reconnaissance.								
1.	Assistant Director of Statistics.	170-10-250-15-400-20-500.	1.	500	6,000	-	6,000	
2.	Overseers.	80-5-100-8-140-10-220-10-270.	3.	150 each.	5,400	-	5,400	
3.	Sub-Overseers.	61-3-85-4-105-5-130.	8.	61 each.	5,856	-	5,856.	
4.	Tracers.	46-3-85-4-105.	4	55 each.	2,640	-	2,640	
5.	Clerks.	92-8-140.	1.	92	1,104	-	1,104	
6.	Clerks.	46-3-85-4-105.	3	55 each.	1,980	-	1,980.	
7.	Computors.	46-3-85-4-105.	2	55 each.	1,320	-	1,320	
8.	Peons.	30-1/2-35.	8.	30 each.	2,880	-	2,880	
9.	Working expensed.				25,000	-	25,000	
10.	Boring Mechanics.	140-10-270	5	140 each.	8,400	-	8,400	
11.	Assistant Boring Mechanics.	60-4-100-E.B.-4-120.	5.	92 each.	5,520	-	5,520	
					66,100	-	66,100	

Abstract ....

ABSTRACT.

	Recurring Expenditure.	Non-Recurring Expenditure.	Total.
Irrigation Research and his Staff.	34,400	-	34,400
Office Equipment.	40,000	10,500	50,500
Tools and Plant.	2,000	28,000	30,000
Works.	-	40,000	40,000
Assistant Director of Soil Surveys.	66,100	-	66,100
(a1) Laboratory equipment incldding outfit. } Common to (a) & (b)	18,000	25,000	43,000
(a2) Experimental & Demonstration farms. } Common to (a) & (b)	37,000	13,000	50,000
Assistant Director of Hydrology.	56,500	-	56,500
Assistant Director of Statistics & Reconnaissance.	~~66,100~~	-	~~66,100~~
	66,100.		66,100
Grand Total.	3,20,100	1,16,500	4,36,600

Superintending Engineer,
Special Investigation Circle.

5.3.

d by

No.G-108/562 Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar: 7 March 1948.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: Irrigation Research Division
for Karnatak.

Ff 1-5

Reference: This office No.G-108/257, dated the 7th February 1948.

2. I submit details of the Irrigation Research Division proposed already under my letter quoted above.

3. The Research Organisation should consist of

The Director of Irrigation Research, Karnatak (Same as Executive Engineer, Karnatak Irrigatio. Research Division) with three Assistant Directors as under:-

a) Assistant Director, Soil Surveys and Drainage

b) Assistant Director, Hydrology.

c) Assistant Director, Statistics and Reconnaissance.

The staff required by each, capital expenditure and recurring expenditure is given in the accompanying statements. Ff 9-17

4. I need hardly go into details of the duties of each. However, a broad description of the work of each Assistant Director is given below:-

(a) Assistant Director for "Soil Surveys and Drainage" will carry out soil and sub-soil surveys, carry out physical and chemical analysis of soil samples and study the same, prepare plans and estimates for drainage schemes, keep observations on damage to lands caused by perennial crops and suggest methods of reclamation, collect samples and observe salinity of waters, report upon their suitability or otherwise for [illegible] and look after irri-cultural problems in general.

(b) Assistant Director for subterranean [illegible] will be responsible for underground supplies of water. He will [illegible] study of [illegible] cally and physically the parent ro[illegible]

and conditions under which soils and murums absorb, retain and store water, and help to form a general science of underground supplies. He will keep a record of existing wells (successful as well as unsuccessful) and supplies available from the same, and study the ecology which will ultimately allow the formation of the science. Observations on existing wells in similar other areas will form a check on the rules framed.

He will locate sites of wells and train assistants to do likewise. He will give particular attention to Village Water Supply Schemes.

I have in view for this responsible charge Mr.D.G.Limaye who has already done work of locating sites of wells for cultivators for hundreds of wells. He was entrusted last year kk by the Bombay Government with work for 50 wells and is again given work of 100 more wells this year. He has already studied the Karnatak area generally and has been widely consulted in the past. I will send later on a statement of work done by him, if so desired.

(c) The Assistant Director, Statistics and Reconnaissance will look after river-gauging, run-off from catchments, maximum floods, silt contents, collecting irrigational data like duties, A.I. over D.C., rugocity co-efficients, critical velocities, etc.

It is not intended at this stage to open a Hydro-Dynamic laboratory but one may be required in future for problems peculiar to Karnatak.

Besides this, this Deputy Director will carry out the first reconnaissance of possible sites for storage and canals in Karnatak. While the perennial or ghat-fed streams in Maharashtra and Gujrat were surveyed carefully by Messrs Beale and Hill, those in rivers South of Malaprabha received but scant attention, probably because

1) The source of rivers in this province

South of Malaprabha lay partly in Mysore or Madras or the area likely to be commanded lay partly in Mysore; Hyderabad and Madras,

and (2) it was difficult, if not impossible, in those days to come to an agreement, about distribution of water and administration of Irrigation in the territory of a state or another Province or to share the capital for a con-joint scheme.

It is, therefore, essential to have a broad reconnaissance of rivers like Warada and Tungabhadra and even of Kali Nadi and their tributaries. Bijapur district is a problem by itself, and there may be scope for general reconnaissance for flow irrigation schemes before projects are selected for detailed surveys. Actual detailed surveys will have then finally to be done by the Sub-Divisional Officer, under the Executive Engineer, Irrigation Projects Division (South) (as in the case of the proposed Sub-Division e.g.) for surveys in Dharwar and Karwar vide this office letter No.D.I.(2)/484, dated the 6th March 1948†.

5. The accompaniments give details of recurring expenditure and provisions for capital expenditure on laboratories, boring machines, farms, etc.

6. I now request Government to sanction this important irrigation Directorate for Karnatak, which is going to form the back-bone of the Irri-cultural future of Karnatak.

Accompaniments:-
Statements referred to.

7
Superintending Engineer,
Special Investigation Circle.

Typed by G.7.3.

Compared by. 7/3

† When the Karnatak Irrigation Research Division will be sanctioned, the work of reconnaissance will be excluded from the work of this Sub-Division.

9252/36/12543

P.W.Deptt.

E.B.(I).

ff 7-23

The S.E.,S.I.C., has sent further details regarding the Irrigation Research Division, the estabt. required, expenditure capital and recurring, etc. In this connection please see the notes ff. 5-8 within wherein it has been decided that opening an Irrigation Research Division for Karnatak is premature and the opening of a sub-divison will meet the S.E's requirements. In view of this, the necessary draft is put up, which may issue, if approved.

BKR
16-3-48.

f.A.C.
16-3-48.

✓

D.S.

Letter

No. 9252/36-E(I).

P.W.Deptt.
B.C., 17th March 1948.

To

The S.E.,S.I.C.

Subject:-Opening of the Irrign. Research Dn.for Karnatak.

Ref: Corres. ending with your letter No.G.108/502, dated the 7-3-1948.

2. Your request that an Irrign. Research Dn. should be opened for the Karnatak,cannot,it is regretted, be granted.

3. It is, however, proposed to open a suc-dn.to carry out the following two specifications items:-

(a) Soil classification;
(b) Study of soils and sub soils with their physical and chemical properties and suitability for drainage under perennial irrigation.

You are, therefore, requested to submit report the establishment required by you for the proposed sub-division.

BKR
16-3-48.

D.A.-Nil.

By order of the Govr.of Bombay,

Office of the Superintending Engineer,
Special Investigation Circle,
No.G-108/762 Dharwar, 31st March, 1948.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: Underground supplies of water:
Establishment in connection with the --

Reference: G.L.P-W.D. No.9250/36-E(I) dated the 17th March 1948. p.27

2. In the Demo-official letter No.8974/36-E(T) dated the 21st January 1948, from the Secretary to Government, P.W.D. (Irrigation), it has been suggested that the work of underground supplied of water should be taken up for investigation by this circle. I had therefore, included proposals for this in para 4(6) of my letter No. G-108/502 dated the 7th March 1948. I request to be informed the lines on which this work should be undertaken. 4(b) p.19

3. I had also requested in para 6 of my letter No.G-108/259 dated the 7th February 1948 that the Sub-division for water resources working in the Karnatak area should be transferred to this Circle. It is not only easy for this Circle to control this work but as the data is of primary importance, for designs of reservoirs of Irrigation schemes, in Karnatak, it is only natural that the water resources Sub-division for Karnatak should be attached to this Circle. I therefore request that Government may be moved to accept this proposal. p.1

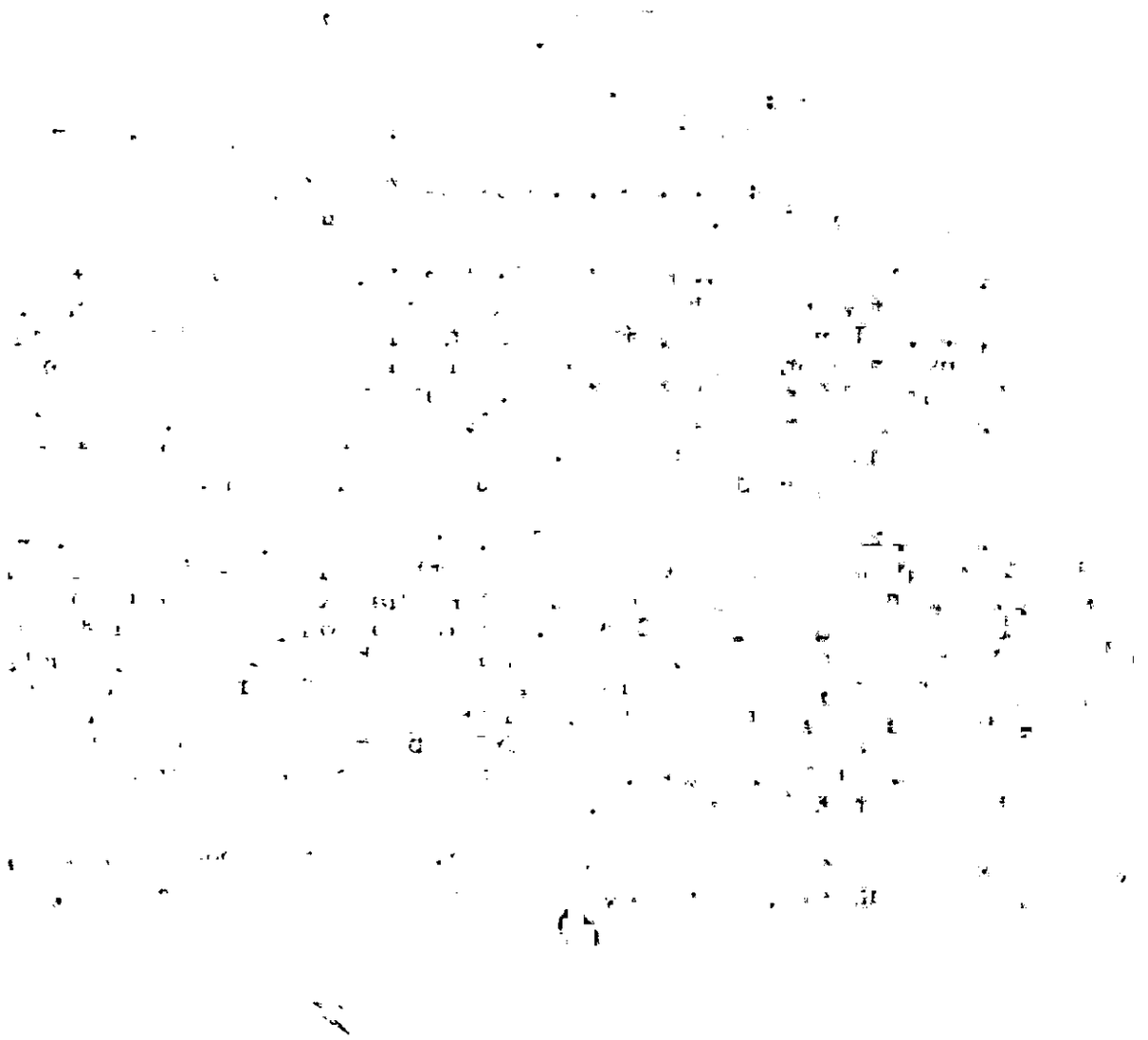
⊗ Not correct. The S.E., S.I.C. wanted is here a new Water Resources Dn. for Karnatak.

since recd - pl. see p.30

4. The details called for in para 3 of the Government letter under reference, are being reported separately.

Superintending Engineer,
Special Investigation Circle.

blv.30.3.



P. W. D.
File No. 9252/36
Serial No. 17308

No.G-108. Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar: 2nd April 1948,

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: Opening of a Soil Research Sub-Division.

Reference: Government letter, Public Works Department No.9252/36-E(I), dated the 17th March 1948. P.27

2. The establishment required for the Sub-Division referred to, for carrying out the two specific items mentioned in the Government Letter under reference, is as under:-

S.No.	Name of Post.	Nos. required.	Scale of pay.
1.	Deputy Engineer.	1.	Bombay Service of Engineers Class II.
2.	Graduate Assistant (B.Ag.)	2.	Rs.80-5-100-8-140-10-270
3.	Graduate Assistant (B.Sc.)	2	--- do ---
4.	Surveyors.	4	--- do ---
5.	Auger Measurers	4 - 2	Rs.46-3-85-4-105.
6.	Auger mukadams.	8 - 6	Rs.35-1-50.
7.	Tracers.	2 - 1	Rs.46-3-85-E.B.-4-105
8.	Laboratory Assistant.	1	Rs.46-3-85.
9.	Sub-Divisional Clerk.	1 - 1	Rs.92-8-140.
10.	Sub-Divisional clerks.	3	Rs.46-3-85-4-105.
11.	Fieldmen.	4	Rs.55-3-61-E.B.-3-85.
12.	Computors.	2 - 1	Rs.46-3-85-E.B.-4-105.
13.	Peons (including chowkidar and watchman).	6 - 2	Rs.30-1/2-35.

3. The following provisions are also required for purchasing equipment for Soil Research Laboratory and may please be sanctioned.

i) Non-recurring expenditure Rs. 25,000

ii) Recurring expenditure. Rs. 18,000

4. The Soil Physicist and his temporary establishment transferred to this Circle, vide Government Letter No.

8069/36

No.8069/36-E(I), dated the 22nd December 1947 will be counted against the establishment proposed for the above Sub-Division in para 2 above.

5. It is, therefore, requested that Government may please be moved to sanction the Sub-Division to be called "Soil Research Sub-Division" with headquarters at Dharwar (which has the advantage of the staff of the Agricultural College and Laboratory for consultation etc.) together with the establishment referred to above as early as possible.

6. To allow Dr.Kulkarni to proceed with the work without delay, I may please be permitted to employ staff necessary and incur part of expenditure against the non-recurring and recurring items of expenditure mentioned in para 3, immediately. ~~But for this he has to be duly trained~~

Superintending Engineer,
Special Investigation Circle.

Typed by G.1.4.

compared by

P. W. D.
File No. 9252/36
Serial No. 17342

9252/36/17342

P.W.Deptt.

E.B.(I):

p. 30

Submitted together with Srl.No. 17308.

2. In D.O.letter No. 8974/36-E(I),dated the 21-1-48, the S.E.,S.I.C, was ~~also~~ asked to investigate the underground water resources of the Southern Circle in addition to other work detailed in the note accompanying the above-mentioned D.O.letter. In his letter at p. 19 ante, the S.E.,S.I.C., requested for the creation of an 'Irrign.Research Dn. for Karnatak' and inter alia,asked for the post of an Asstt.Director, Hydrology, who was meant to do the work of underground supplies of water. Govt.,however,did not see the propriety of opening an Irrign.Dn. for Karnatak at this stage and suggested to the S.E.to forward proposal for opening a sub-dn. to carry out the following two specific items, vide G.L.No. 9252/36-E(I),dated the 17-3-48:-

(a) Soil classification.

(b) Study of soils and sub-soils with their physical and chemical properties and suitability for drainage under perennial irrign.

From above it will be seen that, though the S.E.has been asked in D.O.letter No. 8974/36-E(I),dated the 21-1-48, to investigate underground water resources of the Southern Circle,the necy.estabt.has not been sanctioned. The S.E., therefore, requests that the Sub-dn.for water resources in the Karnatak area (presumably "New River Gauging Sub-dn.',Belgaum)may be transferred under his control. In this connection attention is kindly invited to para.5 of D.E.(I)'s note,dated the 10-3-48,wherein he has given reasons why it is not desirable to transfer this Gauging Sub-dn.from Water Resources Investigation Dn.to the Special Investigation Circle.

3. In the circumstances it is for consideration whether

whether the new sub-dn.now proposed to be opened (pl. see para.below) may also be asked to investigate the underground supplies of water in addition to the work mentioned at 'A' overleaf or whether the S.E. may be asked to forward proposals for opening another sub-dn.to do only the work of investigation of underground supplies of water in the Karnatak.

4. As requested in the G.L.at p. 37 ante, the S.E.has submitted proposals for opening a new sub-dn. for carrying out the works mentioned at 'A' overleaf. The establishment asked for is as at 'B' on p. 41 ante. This estabt.will include the following posts sanctioned in G.L.No.8069/36-E(II),dated the 16-5-1947:-

1 Graduate Laboratory Asstt.
1 Sub-overseer.
2 Auger Measurers.
1 Tracer.
1 Computor.
6 Auger Mukadams.
1 Clerk.
1 Peon.
1 Tapali.

The extra staff required will, therefore,be as under:-

3 Graduate Asstts.
4 Surveyors. ~~4~~ 2 Auger Mukadams
~~2 Auger Measurers.~~
1 Tracer.
1 Lab.Asstt.
3 Sub-dnl.clerks.
4 Fieldsmen.
1 Computor.
4 peons (including Chowkidar,Watchman,etc.).

The post of the sub-overseer sanctioned in G.L.No. 8069/36-E(II),dated the 16-5-47. will also be retained. It is not understood why the S.E.,S.I.C.,has asked for the post of a Dy.Engr. From para.6 of his letter,it will be seen that Dr.Kulkarni will be in charge of this sub-dn. The post of Soil Physicist held by Dr.Kulkarni is already a permanent one post, vide G.R.No. 7437/36,dated the 29-5-47. It will, therefore, be sufficient if only the estabt.asked for at 'B' less the one sanctioned in G.L.No. 8069/36-E(II),dated the 16-5-47,is now sanctioned under the Soil Physicist (Dr.Kulkarni) for the period ending 28-2-49 in the first instance.

925 2/36/17342

5. The papers will be referred u.o. to the F.D. before issue of orders.

24/4/48.

Thro' E.B.(II) & A.B.(II) I.B.(II) D.E.(I).

24-4-48

29/4/48.

6. The cost of the proposed estabt. may be debited to the head "50-C.W. ~~Estabt.~~ (P.W.R.& D.P.)" in consultation with the F.D.

7. The annual average cost of the proposed estabt. is more than Rs.5,000. In ordinary course, it is therefore necy. to put up the proposal as new item of expdre. in order to obtain the L.A's approval to the expdre. The estabt. can, however, be sanctioned in anticipation of the L.A's approval and the item may be brought to the L.A's notice by means of a supply. demand.

8. As regards para. 3 of the letter on page 31 ante the S.E. may perhaps be asked to furnish ~~finish~~ the details of the expdre.

29/4

29-4

MAB/29/4/48.

Dy. Secy

It is desirable that the Water Resources investigation Dn. should compile all records rea: investigation of underground & surface supplies of water. It is therefore not desirable to transfer the River gauging Subdn. Belgaum to S.I.C.

Secy (I).

2. There is no necessity for a Dy Secy. when the Soil Physicist - Dr Kulkarni - is there. Secy (I) K.B. Other staff less than already sanctioned, may be agreed to.

30/4/5/48

Secy (I)

1/5

FINANCE DEPARTMENT

6-5-48 PK

S.E.

S.E. Belgaum.

5/5/48.

P.J.

U.O.R. to the F.D. dated the 5-5-48

P.W.R.I.

In effect, the proposal in these papers amounts to continuing the staff sanctioned in G.L. P.W.D. No. 8069/36-I&(II) till 28-2-49 dt. 16-5-47/and in addition to sanction the staff at 'A' at p. 34 ante. Presumably, the staff sanctioned in the G.L. of 16-5-47 quoted above had been further continued beyond 29-2-48, with due sanction of Govt. Subject to this presumption, the proposal may be agreed to.

17/5/48

Ex. B 29/5

E&(1) 2215

P. W. D.
File No. 9252/36
Serial No. 26945

The P.W.D. may be requested to clear the point at 'X' above. That Deptt. may also please state the duration of the proposed appointments.

2. It is proposed that the amount of Rs. 25,000 (W.R.) & Rs. 18,000 (R.) should be sanctioned for equipment. No details have been given & hence it is not possible to say whether the equipment will be available in India. If the equipment is not available, it is likely that it may take a considerable time before it can be imported. Is it necessary to sanction the E/E before arranging for equipment?

3. Para 5 of the S. E's letter shows that the Headquarters will be at Dharwar & that Bgl. Laboratory will be utilised for consultation. It is presumed that no buildings will be constructed either for staff or for laboratory. P.W.D. may kindly confirm the presumption.

20/5/48

Statement showing the Laboratory Apparatus required for immediate use.

S. No.	Description	Number required
1	Measuring cylinders with spout and on foot capacity 100 c.c	2 Nos.
2.	" 500 "	5 "
3.	" 1000 "	2 "
4.	Measuring flask with stopper with one mark on neck cap: 250c.c.	2 "
5.	Beakers Square shape with spout capacity 50 c.c.	1 Doz.
6.	" 100 c.c.	1 "
7.	Specific 500 c.c.	1 "
8.	Specific gravity Bottles 25 c.c.	3 Nos.
9.	" 50 c.c.	3 "
10.	Test tubes of Indian hard glass with rim 6 x ¾"	2 Doz.
11.	" 4 x ½"	2 "
12	Glass tubing Assorted	2 lbs
13.	" Rodding " "	2 "
14.	Burettes with straight stop cock English capacity 50 c.c.	2 Nos.
15.	Pipettes Voluntric with one mark capacity 5 c.c.	2 "
16.	-do- English 10 c.c.	2 "
17.	25 c.c.	2 "
18.	50 c.c.	2 "
19.	Glass funnels 2½" 2 mm	1 Doz.
20.	Rubber tubing English wall thickness 3/8"	10 yar
21.	Sample bottles wide mouth with screw caps English, white capacity 12 oz.	2 Doz.
22.	-do- 6 "	1 "
23.	Rubber corks assorted	1 "
24.	Evaporating Dishes porcelain English, 125 c.c.	1 "
25.	" Silica 85 c.c.	3 Nos.
26.	Watch glasses, American 3"	1 Doz.
27.	Dessicator with ground glass top dia. 6"	2 Nos.
28.	Balance analytical best quality capacity 200 Gms	1 "
29.	Weight Box - " - 100 "	1 "
30.	Balance Physical in glass wooden case	1 "
31.	Weight box ordinary for above capacity 100 gms	1 "
32.	Dry and wet bulb thermometer English	1 "
33.	Thermometer English make Glass Range 0 - 110° and in 1" dia.	1 "
34.	-do- 0 - 360° c	1 "
35.	Mortor and Pistle porcelain English Dia.15cms	1 "
36	Water oven copper double wall size 12" x 12" x 12" on stand	1 "
37.	Hot air oven copper single wall size 12" x 12" x 12" with one shelf on stand.	1 "
38.	Test tube stand wooden for 12 test tubes	3 "
39.	Pipette stand wooden, Indian make.	2 "
40.	Primus Stove No. 1	4 "

Statement showing the Establishment immediately required for the Soil Reserach Sub-division.

	Establishment required	No. necessary
i)	Graduate Assistant (B. Ag.)	I
ii)	- Do- -Do- (B. Sc.)	2
iii)	Surveyors	3
v)	Auger Measurers	2
v)	Auger Mucadams	8
i)	Tracers	I
ii)	Laboratory Assistant	I
iii)	Sub-divisional Clerk Rs.92-8-140	I
ix)	Sub-divisional clerks " 46-3-85-4-	2
x)	Computors	2
i)	Peons	4

EXPRESS LETTER

No . G-108

Office of the Superintending Engineer,
Special Investigation Circle.
Dharwar. 27th April 1948.

To,

The Secretary to Government,
Public Works Department, Bom bay.

Subject:- Opening of a Soil Research Sub-Division.

Reference:- This Office letter No.G-108. dated the 2nd April 1948.

2. I request that Government sanction to the Sub-division referred to above together with the temporary establishment proposed therein may kindly be communicated and I may be permitted to incur expenditure against non-recurring and recurring items referred to in para 3 of my letter mentioned above, immediately.

3. Dr. D.G.Kulkarni who was on privilege leave till recently has joined duties. In order that his time may not be wasted, it is essential to purchase the minimum apparatus and employ a small staff to help him in collecting and analyzing samples. I am therefore allowing Dr. Kulkarni to employ staff and purchase apparatus as shown in the accompanying statements, in anticipation of Government sanction.

As Laboratories are available in Government Colleges at Dharwar (Karnatak College and Agricultural College both at Dharwar), he has been asked to work at Dharwar. This may please be approved.

Accompaniment
2 Statements.

Superintending Engineer,
Special Investigation Circle

E. B. (I).

P.W.D.

The main papers dealing with the question of opening a Soil Research Sub-Stn. under the S.E., S.D.C., have been refd. u.o. to the F.D. on 5-5-48.

~~Noting (2) 5-5-48~~

2. The S.E., S.D.C., states that Dr. Kulkarni has resumed his duties and that in order that Dr. K's time may not be wasted, he is allowing Dr. Kulkarni to employ skeleton staff and purchase apparatus as shown in the statements in anticipation of Govt. approval. / A

3. As the S.E. is taking action as at "A" in anticipation of Govt. approval, no further action for the present is necy. in his letter over leaf. The action taken by the S.E. will be approved at the time of issuing orders sanctioning the Soil Research Sub-Stn.

AD
5/5/48.

DDR
3/5/48

ME
4/5/48

Secy(P)

E(1) 28/4
Secy
4/5

Appointment in Pr. (Imp. Pay)
till 1-6-48.
5/5/48

P. W. D.
File No. 9252/36
Serial No. 22153

+ 43

D.O.No.G.108

Office of the Superintending Engr.,
Special Investigation Circle,
Dharwar, 15-16 April 1948.

Dear

I discussed with you at Belgaum the question of river gaugings and investigation into underground supplies of water. I expressed that Bombay needed three Divisions, one for Gujrat (alluvial tracts), one for Maharashtra and one for Karnatak. One Water Resources Division for the whole of this Province can hardly allow the Executive Engineer time to see to things even as they are, and particularly so, when he holds that charge in addition to a heavy Irrigation Division.

2. The two works, viz. "River Gauging" and "Underground Water Resources" deserve to be combined with the work of "Collecting Irrigational Statistics like A.I. over D.C., Duties etc.", thus forming a "Research Division". The post of one Research -- Executive Engineer for Karnatak, one for Maharashtra and one for Gujrat can be fully justified, looking to the Irrigation Projects proposed in the Province. The only excuse for not sanctioning this will be want of funds. I do not think that is the case.

3. You, however, appeared to say that the difficulty was want of staff i.e. three suitable Executive Engineers. If that be so, I think the "P.I.R.D." (Poona Irrigation & Research Division) deserves to be closed and a "K.I.R.D." (Karnatak Irrigation & Research Division) deserves to be opened. Actually Poona Irrigation & Research Division can claim but little of research work and the work of classification and damage being done is such that normal Irrigation Divisions in Maharashtra should be easily able to do the same. I understand that Poona Irrigation & Research Division has actually made a proposal to do this. The Mutha Canals can certainly be transferred to one of the two Divisions into which "Poona Division" has been split up.

Executive Engineer

4. ...

4. This will allow Mr.Naegamwala to be made available for Karnatak Irrigation & Research Division. The proposal was not accepted by Government but I think the point deserves reconsideration.

Yours

Copy?

N.P.Gurjar, Esquire, I.S.E.,
~~Chief Engineer & Secretary to Govt.~~,
Public Works Department,
P.W.D.Secretariat,
Bombay.

EB

18/4

12/5/48

EB(1)
19/4

9252/36

19992

EB(I)
19/4/48

D.O.No. 57

Office of the Executive Engineer,
Poona Irrigation and Research Division,
Poona 1, the 23rd April 1948.

My Dear

Reference your D.O. No.G-108 dated the 16th April, 1948.

× 14-7-8

I have given adequate thought to the contents of your D.O. No.G-108 dated 15.4.48 addressed to Mr.Gurjar and copy sent to me for my views. I do appreciate the views expressed therein but certainly feel that we should ~~have~~ restrict our activities in the direction of collection of detailed data regarding underground water resources for sometime to come till we have recruited and trained up staff (subordinate staff as well) upto a proper standard.

I have been trying to reorganize my Division itself and a copy of the minutes of an informal meeting held on this subject is sent herewith for your perusal and return. If my plans mature I wonder whether I shall be available for the work suggested by you. My wish is that I should stick to one job as long as possible and make the best of it.

With regards,

Yours

23/4/48

HE/24/4/48

Rao Bahaduro N.S. Joshi, B.S.E. (I),
Superintending Eingineer,
Special Investigation Circle,
DHARWAR.

Copy to :-

N.P. Gurjar, Esqr., I.S.E.
Secretary to the Govt. of Bombay,
Public Works Department,
Bombay..

P.W.D.

S.B.(I).

Submitted for information (together with Serial No. 19992).
2. Further developments may be awaited.

P.W.D.
12-5-48.

P.W.D.

Await (Mr. B.) till 20-5-48.
12/5

P. W. D.
File No. 9252/[redacted]
Serial No. 21391

x vide p.6 ante

(Mr. B.) 5/5 S.B.(I)
21/4/48

Mr. S
Pl. put up the main file at once
8/5/48.

D.O.No.G-108.

Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar, 15th May 1948.

Dear Mr. Vyas

p.31

Kindly refer to this office letter No.G-108 dated the 2nd April 1948 and subsequent two expediators bearing even Nos.of 24th p.41 April and 14th p.51 (Part) May 1948 respectively, with regard to the proposed opening of Soil Research Sub-Division with Headquarters at Dharwar. The urgency of the case has already been brought to the notice of Government in this office Express Letter No.G-108 dated the 24th April 1948.

2. Pending sanction to the proposed Sub-Division and in order that Dr. D.G.Kulkarni, Soil Physicist's time may not be wasted, the headquarters of the proposed Sub-Division may be approved at Dharwar and this may be confirmed demi-officially as early as possible.

Yours sincerely

B.S. Vyas, Esqr., I.S.E.,
Chief Engineer & Secretary to
Government,
P.W.D., B O M B A Y.

H 48

E.B.(I).

P.W.D.

Pl. see the O.N. dt. the 3-5-48 p.b. The draft put up may issue, if approved.

18/5/48.

Expedite F.D. pl.

18/5/48

Dy. Secy.

18/5

Secy(R&B)

E.B. (I).

The F.D. expedited under No. 9252/36-E(I), dt. the 20th May 1948.

20/5/48.

20-5-48

file in F-D

Issued 20/5

Resd in 25.6/15 Pm.

E(I) 18/5

P. W. D.
File No. 9252/34

25945

EB(I)
18/5/48

B 49 9252/36/25-945.

D.O. No. 9252/36-E(I),

P. W. D. Sects.,
Bombay, 14th May 1948

Dear Mr Joshi

With reference to your D.O. No. G-108, dt. 15th May 1948, addressed to Mr. B. S. Vyas, Chief Engr. & Secy. to the Govt. of Bombay, I am directed by the Secy. to inform you that the question of opening a Soil Research Sub-Dn. is under the consideration of Govt. and that the papers on the subject are in the Finance Department at present.

Yours sincerely
[illegible]

ISSUED
Dn. 19/5/48

R/B. N. S. Joshi, B.E. (I),
S.E., S.P.C.

18/5/48.

Dy. Secy. to B
20/5

P.T.O.

23/3/55

5

Urdu art in Rl. title 5 6/68

22/5/68

Very Urgent.

No.G-108.

Office of the Superintending Engineer
Special Investigation Circle,
Dharwar: 14/5 May 1948.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: Opening of a Soil Research Sub-Division.

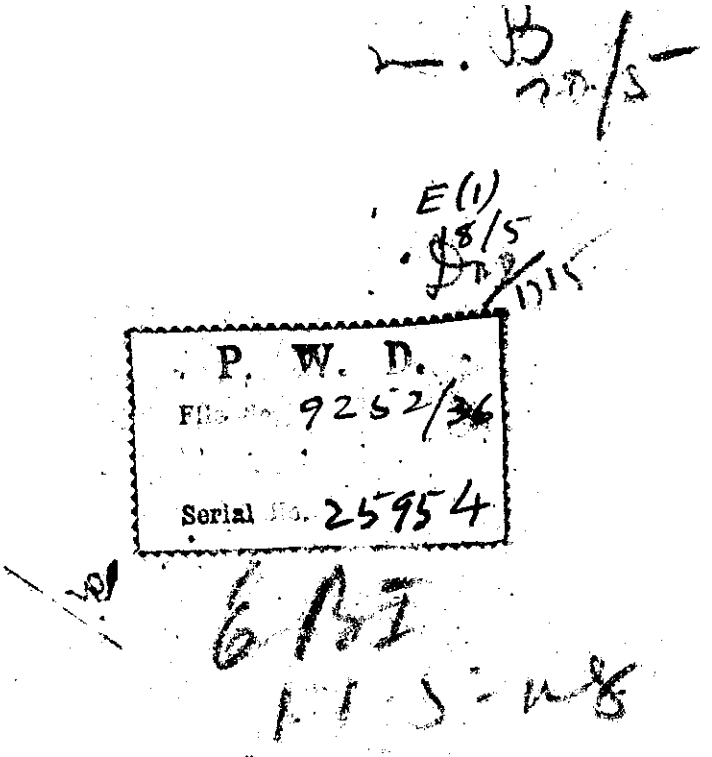
Reference: Correspondence ending with this offic Express Letter No.G-108, dated the 24th April 1948..

2. Very early Government sanction to the opening of the Sub-Division referred to above together with the temporary establishment proposed therein may kindly be obtained and communicated to this office immediately.

Superintending Engineer,
Special Investigation Circle..

D.A.: Nil.

G.14.5.
compd.by


P. W. D.
File No. 9252/36
Serial No. 25954

9252/36/25954.

E.B.(I). P.W.D.

Submitted with ref. to this Deptt. u.o.r. dated the 5-5-1948. p.35

2. Before the F.D. agrees p.36 to this Deptt. proposal, that Deptt. wants to know whether it is necy. to sanction the establishment before arranging for equipment. It is also presumed by that Deptt. that no building will be constructed either for staff or for laboratory. In the circumstances, the draft put up may issue if approved.

3. The tempy. posts sanctd. in G.L.No.8069/36-E(II), dated the 16th May 1947, have been continued upto the 28-2-1949 under G.L.No.6717/36(I), dated the 6-4-1948. The presumption made at " X " on page 36 ante by the F.D. may, therefore, be confirmed.

RKP.
28-5-48.

55 9252/36/25954

Letter.

No. 9252/36-E(I). P.W.D.,

B.C., 2nd ~~May~~ June 1948.

To

The S.E., S.I.C.

Subject:- Opening of a Soil Research Sub-Dn.

p. 31

Reference: Your letter No. G.108, dated the 2-4-1948.

2. You have stated that the following provisions are required for purchasing equipment for Soil Research Laboratory :-

(i) Non-recurring expenditure Rs. 25,000

(ii) Recurring expenditure Rs. 18,000

No details have, however, been given and hence it is not ~~not~~ known whether the equipment will be available in India. If the equipment is not abvalable in India, it is likely that it may take a considerable time before it can be imported. You are, therefore, requested to consider whether it would be desirable to sanction the .....

the estabt. before arranging the equipment.

3. It is presumed that no building will be constructed either for staff or for laboratory. Please confirm or otherwise the presumption made.

28/5/48.

By order etc.

D.A.-Nil.

RKP
28-5-48

ISSUED
on 2/6/48

VERY URGENT.
Letter.

No.G.108/II
Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar, 11th June 1948.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject:- Opening of a Soil Research Division.

Reference : Government Letter No.9252/36-E(I) dated the 2nd June 1948.

2. Enquiries were specially made regarding the availability of the equipment for the Soil Research Laboratory for Karnatak with the firms both in Bombay and Poona with the result that most of the apparatus immediately needed for the commencement of the work is readily available without any loss of time. I have, therefore, to request you to obtain requisite sanction to the funds and the establishment proposed at an early date.

3. At the commencement, building will be hired although it would be desirable to construct a suitable building for the laboratory later on.

4. I request Government to open the Soil Research Division very early. As reported already (vide this office No.G.108 dated the 24th April 1948) Dr.Kulkarni has already been permitted by me to appoint a part of the establishment. To allow him to begin work immediately, I have directed him to secure a suitable building for laboratory on hire. I expect the rental to be of the order of Rs.150/- and will report on the same as soon as a suitable building is obtained. This may please be approved. It will be appreciated that these arrangements are essential to utilize the services of Dr.Kulkarni who has already begun work.

Superintending Engineer,
Special Investigation Circle.

RGV/11.6
Compd.by:

P. D.
File No. 9252/36
Serial No. 31611

Enclosure II.

The necessity of carrying out various soil tests for design and construction control ofearthen dams.

(a) Co-efficient of friction and cohesion.- One of the reasons of the failure of an earthen dam either of the super structure of its foundations is due to over-stressing the soil against its shear resistance. In the stability analysis of the dam by the Sweedish Circle method the value of C+Ø are required in the Coloumbs equation S = C + P Tan Ø. Similarly in the foundation analysis also the shear strength of the subsoil is required for stress analysis as given by Creager and Justin vide pp.725-742 Vol.III. The test will guide in deciding the suitability of foundation strata and the selection of the dam materials, the amount of watering and rolling required for obtaining the specified strength.

(b) Co-efficient of permeability.-These tests are necessary to select core materials of the required degree of impermeability. Per haps soils may create piping and very impervious clays may fail by plastic flow being weak in shear. The test will help in deciding the hydraulic gradient, the possibility of piping and the selection of the puddle trench material.

(c) Degree of compressibility.-The tests will indicate whether the settlement of the foundation will be excessive causing undue settlement.

(d) Specific weights of dry materials.-The tests will indicate the weight of the earth work to be taken into account of calculating foundation stresses and for stability of the slopes. It will also indicate ratios necessary for taking the bauyant weight of earth into consideration.

(e).....

(e) Water contents.-The tests will indicate whether the foundation is well drained stable material or is in a plastic condition for the dam they will indicate the amount of watering necessary to obtain the required strength, weight and impermeability for the specified rolling with the sheeps foot rollers and the construction control on watering.

(f) Mechanical analysis.-The tests will enable classification of the borrow pit materials into suitable and unsuitable catagories for the puddle core and the casing work.

(g) Normal consistancy and atterbery limits.- The tests will be useful to indicate by short cut methods.

(h) The strength of the foundation materials and guide the field control during construction regarding the selection of materials and the amount of water required.

MKP.
22/6/48.

One Copy.
22/6/48.

E.B.(I). P.W.D.

Submitted with refce. to C.L.No.9252/36-E(I), dated the 2nd June 1948, and the O.N. underlying it.

2. The S.E.,S.I.C., reports that most of the apparatus immediately needed are available with firms in B'bay and Poona and hence he requests that the Soil Research Sub-Dn. may be sanctd. at an early date. The details of the apparatus are given at p. 37 ante.

3. Re. building for the Sub-Dn., the S.E. states that at the commencement, building will be hired although it would be desirable to construct a suitable building for the laboratory later on.

4. In the circumstances, the papers may be refd. again u.o. to the F.D. with a request to agree to this Deptt. proposal made in para 4 of the O.N. dated 29-4-48. The Sub-Dn. and the staff will be sanctd. for the period ending the 28-2-49 in the first instance.

BAK 17/6/48. "A" at p.57

5. The action taken by the S.E. S.I.C. in allowing Dr Kulkarni to hire a suitable furnished building for laboratory may be approved. The S.E. may be asked to submit his report on the matter as early as possible.

19/6/48

6 A similar proposal of purchasing the soil testing equipment from U.S.A for the Ganganpur Storage Dn has already been approved. Please see the reasons given by the S.E. D.C. for the necessity of this equipment for Irrigation works at page 5 ante. In view thereof and view of immediate availability of this equipment in Bombay the proposal of the S.E. D.C. may be agreed to

7. In view of paras 6 and 7 of the O.N. dated the 29-4-48, the cost of the estabt. may

9252/56/3161

be debited to the head "50-C.W.-Prov.-P.W.R. and D.P." Funds to the extent of Rs. 43,000, asked for in para 3 of the S.E.'s letter of 2nd April 1948, may, in consultation with the F.D., be authorised and the S.E. may be asked to apply early in February 1949 for funds (including Rs. 43,000, now being authorised) required during the current financial year, for the estabt., specifically according to primary and secondary units.

Bne
22-6-48

P.31

P&L 23/6

23/6/48

D. S.

Secy (I)

U.O.

Very Urgent

U.O. No. The F.D. dt. 24 June 1948

Secy U.O

23/6/48

Finance Deptt

P.W.R. I

FINANCE DEPARTMENT
U.O. No.
Date 24-6-48
Serial No. PWR I

Submitted w.r.t. the office note dt. 1.5.48 of the U.S. (now D.S.) F&R note thereon.

The P.W.D. has now confirmed the presumption at 'x' in the office note under reference.

With regard to para 2 of the U.S. (now D.S.) F&R note, the P.W.D. states that the equipments will be available in India.

and hence the sub-division may be sanctioned at an early date. We may agree to the proposal.

4. With regard to para 3 of the U.S. (now D.S) F&R's note, the P.W.D. states that at the commencement, building will be hired, although it would be desirable to construct a suitable building for the laboratory later on.

5 Since the recurring cost involved in the proposal is Rs 18,000 p.a. the proposal should have been put up as a new item of expenditure for the next year's budget. In view however of the urgency of the proposal, the P.W.D. may incur the expenditure in anticipation of the F.A's sanction, & later must a supplementary demand in due course to this Deptt.

yes. 26/6

Secy. 26/6

Dy 30/6

E(1) 29/6

P. W. D.
No. 9252/36
No. 34222

9252/36/34222.

P.W.D.

E.B.(I).

Submitted with refce to this Dept. u.o.r. dt. the 24-6-48. p.62

2. The draft put up may issue, if approved after submission to theCh.Secy., H.M,P.W.D., and H.I

Thro' E B (II), A Bs (I) & (II), & J. B (II).

GGG
6.7.48.

Dy. Secy.

Secy (I)

Secy (R&B)

Ch. Secy.

H. M, P.W.D.

H. P.

Secy (I)

DS.

9252/36/34222.

Letter.

No. 9252/36-E(I). P.W.D.

B.C., 23rd July 1948.

To

The S.E., Spl. Investigation Circle.

Subject:- Creation of a Soil Research Sub-Dn.

Ref: Correspondence ending with your letter No. G.108/II, dt. the 11th June 1948. p.57

2. Govt. is pleased to sanction the creation of a Soil Research Sub-Dn with Head Quarters at Dharwar for Karnatak for the period ending the 28-2-49 in first instance to carry out the following two specific works, (1) pl. see para. 5 at p. 32

(a) Soil Classification.

(b) Study of soils and Sub-soils with their physical and chemical properties and suitability for drainage under perennial irrigation.

3. The above mentioned sub-dn. should be placed in charge of Dr. D.G.Kulkarni, M.Ag., Ph.D, Soil Physicist, whose services have already been placed at the disposal of the Ex.Engr., Irrn.Projects Dn. (South). The following staff is sanctd for the Sub-Dn.

	Establishment	Pay Scale Rs.
3	Graduate Assistants :	80-5-100-8-140-E.B.10-220-E.B.-10-270.
4	Surveyors	-do-
2	Auger Mukadams	35-1-50.
2	Auger Measures	46-3-70.
1	Tracer	46-3-85-E.B-4-105.
1	Laboratory Asstt.	46-3-85.
1	Clerk	92-8-140
2	Clerks	46-3-85 E-B. 4-105
4	Fieldsmen	46-3-61-E.B-3-85.
1	Computor	46-3-85-E.B-4-105.
4	Peons (including Chowkidar & watchman)	Sanctioned Scales.

The above staff is in addition to the one sanctd. in G.L.No. ~~8069/36-E(II)~~ 8069/36-E(II), dt. the 16-5-47, and continued in para. 3 of G.L. No. 6717/36(1)-E(I), dt. the 6-4-48.

No post of a Dy.Engr. has been sanctioned for the

Sub A File No. 8069/36 p. 38 not put up

Sub-Dn, as the post of the Soil Physicist held by Dr.Kulkarni is already a permt.one, vide G.R.No. 7437/36, dt. the 29.5.47 (copy enclosed). → attached to the Docket Sheet.

4. The cost on account of the above Estabt. should be debited to the head "50-C.W.-Provl-P.W.R. and D.P." Funds to the extent of Rs. 43,000, asked for by you for purchasing equipment for the Soil Research Laboratory, are hereby authorised under 'Contingencies' under the same major head. You are, however, requested to apply early in Feb.49 for funds (including Rs.43,000, now authorised), required during the current financial year, separately for this estabt., specifically according to primary and secondary units.

5. Your action in allowing Dr.Kulkarni to employ staff, to purchase apparatus and to hire a suitable bldg. for laboratory in anticipation of Govt. sanction is approved.

Pl. see para 3 of P.4 and para 4a of P.5 7

By order etc.

D.A. Nil

Copy of G.R.

Copy forwarded to:-

The F.D.,
the H.& L.S.D.,
The A.G. Bombay (thro. the F.D),
the S.Es of other Circles,
the P.H.E. to Govt.,
the Ex.Engr. of Dns (under the S.E., S.C. & the S.E., Spl.I.C.)

for information.

8/7/48.

Put up to the F.D.

Very urgent, please

with 10 spare copies.

22/7/48

10/7/48

Sec (1)

Sec (R&B)

GGG
6.7.48.

Letter.

No.9252/36-E(I). Public Works Department,
Bombay Castle, 23rd July 1948.

To

The Superintending Engineer,
Special Investigation Circle.

Subject:- Creation of a Soil Research Sub-Division.

.....

Reference: Correspondence ending with your letter No.G. 108-II, dated the 11th June 1948.

2. Government is pleased to sanction the creation of a Soil Research Sub-Division, for Karnatak, with Head Quarters at Dharwar, for the period ending the 31st

No. G-108

Office of the Superintending Engineer
Special Investigation Circle
Dharwar. 14th July 1948.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

Subject: Opening of a Soil Research Division

Reference: Correspondence ending with this office No.G-108, dated the 11th June 1948.

2. Early Government orders regarding opening of a Soil Research Sub-Division are requested.

Superintending Engineer,
Special Investigation Circle.

BR/14-7-48.
Compared by:

[illegible] dated the 6th April 1948. No post of a Deputy Engineer has been sanctioned for the Sub-Division, as the post of the Soil Physicist held by Dr. Kulkarni is already a permanent one, vide Government Resolution No.7437/36, dated the 29th May 1947 (copy enclosed).

4. The cost on account of the above Establishment should be debited to the head "50-Civil Works-Provincial-Post War Reconstruction and Development Programme". Funds to the extent of Rs.43,000 asked for by you for purchasing equipment for the Soil Research Laboratory, are hereby authorised under 'Contingencies' under the same major head. You are, however, requested to apply in February 1949 for funds (including Rs.43,000, now authorised) required during the current financial year, separately for this establishment, specifically according to primary and secondary units.

9252/36
38651

E.B.(I) P.W.D.

Re Main file to under * To ch Secy. Him Pur D. H.P
submission Since 1tr 13-7-48.
Its return may be awaited

RH 22/7/48 22/7/48

E(I) 19/48

P. W. D.
File No. 9252/36
Serial No. 38651

No. G-108

Letter

Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar, 14th July 1948.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

Subject: Opening of a Soil Research Division.

Reference: Correspondence ending with this office No.G-108, dated the 11th June 1948.

2. Early Government orders regarding opening of a Soil Research Sub-Division are requested.

Superintending Engineer,
Special Investigation Circle.

BR/14-7-48.
Compared by:

5. Your action in allowing Dr. Kulkarni to employ staff to purchase apparatus and to hire a suitable building for laboratory in anticipation of Government sanction is approved.

By order of the Governor of Bombay,

27/7/48 o/c

(S. S. Vyas)
Secretary to the Government of Bombay,
Public Works Department.

D.A.- Copy of G. R.

Copy forwarded to -

the Finance Department,
the Health and Local Government Department,
the Accountant General, Bombay (through the Finance Department),
the Superintending Engineers of other Circles,
the Public Health Engineer to Government,
the Executive Engineers of Divisions, (under the Superintending Engineer, Southern Circle, and the Superintending Engineer, Special Investigation Circle),

information.

Issued 75 23/7/48

DDD. 23/7/48.

Orders issued after consultation with Finance Department.
Notes remain with this Department and can be seen when required.

Copy given to —
A.N. (I)
A.B. (II)
S.R. (I)

31/7/48

Fin. Proposal
Ref. File No. 8069/36
Note File No. 6717/36
Audit Note No. 1

Letter.

No.9252/36-E(I). Public Works Department, Bombay Castle, 23rd July 1948.

To

The Superintending Engineer,
Special Investigation Circle.

Subject:- Creation of a Soil Research Sub-Division.

.....

Reference: Correspondence ending with your letter No.G. 108-II, dated the 11th June 1948.

2. Government is pleased to sanction the creation of a Soil Research Sub-Division, for Karnatak, with Head Quarters at Dharwar, for the period ending the 28th February 1949 in first instance to carry out the following two specific works :-

(a) Soil Classification.
(b) Study of Soils and Sub-Soils.

with their physical and chemical properties and suitability for drainage under perennial irrigation.

3. The above mentioned Sub-Division should be placed in charge of Dr. D. G. Kulkarni, M.Ag., Ph.D., Soil Physicist, whose services have already been placed at the disposal of the Executive Engineer, Irrigation Projects Division (South). The following staff is sanctioned for the Sub-Division.

	Establishment.		Pay scale. Rs.
3	Graduate Assistants.	...	80-5-100-8-140-E.B.-10-220-E.B.-10-270.
4	Surveyors.	...	-do-
2	Auger Lukadams.	...	35-1-50.
2	Auger Measurers.	...	46-3-70.
1	Tracer.	...	46-3-85-E.B.-4-105.
1	Laboratory Assistant.	...	46-3-85.
1	Clerk.	...	92-8-140.
2	Clerks.	...	46-3-85-E.B.-4-105.
4	Fieldsmen	...	46-3-61-E.B.-3-85.
1	Computors	...	46-3-85-E.B.-4-105.
4	Peons (including Chowkidar and Watchman).	...	Sanctioned scales.

The above staff is in addition to the one sanctioned in Government Letter No.8069/36-E(II), dated the 16th May 1947, and continued in paragraph 3 of Government Letter No.6717/36(1)-E(I), dated the 6th April 1948. No post of a Deputy Engineer has been sanctioned for the Sub-Division, as the post of the Soil Physicist held by Dr. Kulkarni is already a permanent one, vide Government Resolution No.7437/36, dated the 29th May 1947 (copy enclosed).

4. The cost on account of the above Establishment should be debited to the head "50-Civil Works-Provincial-Post War Reconstruction and Development Programme" Funds to the extent of Rs.43,000 asked for by you for purchasing equipment for the Soil Research Laboratory, are hereby authorised under 'Contingencies' under the same major head. You are, however, requested to apply in February 1949 for funds (including Rs.43,000, now authorised), required during the current financial year, separately for this establishment, specifically according to primary and secondary units.

VERY URGENT.

No.G-108

Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar, 5th September 1948.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Establishment for the office of the Soil Physicist.

Reference : Government, P.W.D., Letter No.9252/36-E(I) dated the 23rd July 1948.

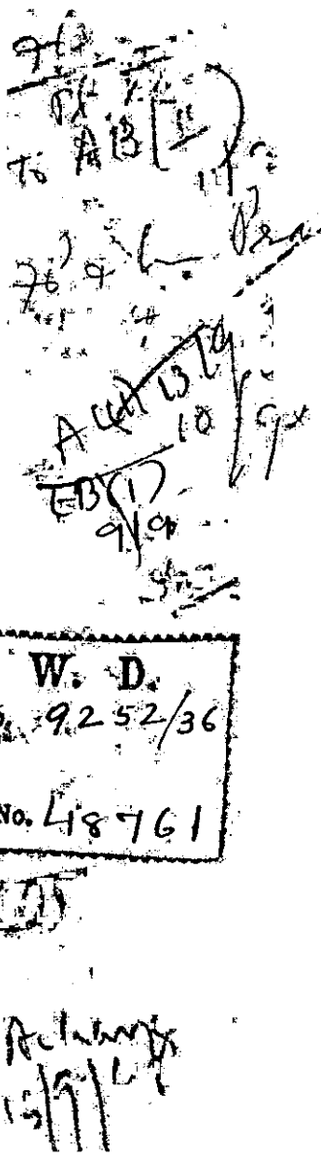
2. In para 4 of Government Letter referred to above, orders have been issued to debit the cost of the additional establishment for the office of the Soil Physicist sanctioned therein to the Major Head "50 Civil Works Provincial Post War Reconstruction and Development Programme IV-Executive". But in G.L., P.W.D., No.8069/36-E(II), dated the 16th May 1947 addressed to the late Chief Engineer, P.W.D., Poona, orders were issued to debit the cost of the establishment for the office of Soil Physicist sanctioned therein and continued in para 5 of G.L., P.W.D., No.6717/36(I)-E(I) dated the 6th April 1948 to the head "18 Other Revenue Expenditure etc. Special Establishment (Post War Reconstruction and Development Programme) - IV-Special Surveys".

3. It is presumed that the cost of the establishment sanctioned for the office of the Soil Physicist Sub-Division may be debited during the current year 1948-49 to the head "50 Civil Works Provincial Post War Reconstruction and Development Programme etc." as per recent Government orders issued in G.L., P.W.D., No.9252/36-E(I), dated the 28th July 1948, which may please be confirmed at an early date.

Superintending Engineer,
Special Investigation Circle.

Copy to the Executive Engineer, Irrigation Projects Division (South), Belgaum, with reference to his No.G-7(c)/A/4104 dated the 27th August 1948.

Copy with compliments to the Accountant General, Bombay, for information.



P. W. D.
File No. 9252/36
Serial No. 48761

75 Letter. 3 9252/36/48761

75

No. 9252/36-A (III). P. W. D.,

B. C., 24th Sept. 1948

To

The S.E., Ppl. Investgn. Circle.

Subj:- Classification & expdre. on the estabt: for the office of the Soil Physicist.

Refee: Your letter No. G-108, d/ the 5-9-48.

2. Your presumption that the cost of the estabt: sanctioned in G.L. No. 9252/36-ECH, dated the 23-7-48, and the other estabt. for the office of the Soil Physicist should be debited to the head "50-C.W.-P.W.R. & D.P." is correct.

D.A. Nil.

By order etc.,

Copy forwarded to the A.G. Bombay, and the Fin. Sec. to Govt. Poona Ex. Engr., Deltn. Project Sub-Circle (South), for info.

Thro. E.B.(D).

Issued 27/9/1948

S. A. S.

22/9/48

22/9/48

Dy. 23/9/48

Forwd to him 23/9

Letter. Copy 266-1

No.P.256/44108-A(III). Public Works Department,
Bombay Castle, 9th November 194

To,

The Superintending Engineer, Special Investigation Circ

Subject:-Allotment of funds.

Reference: Your letter No.G-19, dated the 9th August 194

2. The following allotments required for the additional establishment for your Circle for the year 1948-49 under "50-Civil Works-Provincial-Establishment-Post War Reconstruction and Development Programme" are, hereby, sanctioned:-

Item.	Amount. Rs	Source.
(a) Pay of officers ...	9,700	) Supplementary grant of Rs.1,65,100 voted by the Legislative Assembly on the 8th October 1948 under "50-Civil Works - Establishment (Post War Reconstruction and Development Programme)"
(b) Pay of Establishment ...	47,300	)
(c) Allowances.		)
(i) Travelling allowance .	14,000	)
(ii) Dearness allowance ...	25,100	)
(d) Contingencies	69,000	)
Total	1,65,100	

3. The presumption made in paragraph 4 of your letter quoted above, is correct.

4. Orders authorising expenditure for the purchase of office furniture will issue separately.

By order of the Governor of Bombay,

Deputy Secretary to the Government of Bombay,
Public Works Department.

D.A.P.W.D.

Copy forwarded to -

the Finance Department (with reference to Government Letter, Public Works Department of even number dated the 18th August 1948),
the Accountant General, Bombay (with reference to Government Resolution No.9220/36, dated the 14th April 1948, Government Letter No.9252/36-E(I), dated the 23rd July 1948 and Government Letter No.9492/36-E(I), dated the 27th July 1948),

for information.

9/11/48.

~~75~~ ~~33~~ 77

Statement showing problems affecting Designs of irrigation canals which need to be solved by suitable observations & experiments.

---

(1) (a) Correct values of N for type of rocks such as rugged faced Trap (Horizon No.3), fissured quartzites, sand stones and granites under various velocities met with in practice.

(b) Values of N with the above rocks treated by -
(i) cement concrete with plaster
(ii) -do- without plaster
(iii) hammer dressed.

(c) Economics of the choice of treatment of rock-faces by plastering etc.

(d) Verification of A ± W.P. theory in Vertical sided sections as compared with flat slopes to sides.

Note:- Kutter's formula has been based on stray observations where cases of alluvial sandy beds and igneous hard rocks have been mixed up. The experiments of earlier workers like Bazen had limitations regarding velocities.

The fact that none of the Deccan Canals carries the discharge for which it was designed need not be considered as peculiar to Bombay Deccan only. The same sad tale is told by canals in Mysore and Hyderabad also.

The problem is therefore very important and will need data to be collected carefully from various sources. The accuracy needed in collecting such data, especially in surface slopes and correct discharges is such that it cannot be expressed here in short.

(2) Effect of alternate banks and rocky cuttings on the design of a continuous canal. Our present assumption that the rock cuts designed for their own value of N and the embankments designed for their value of N, work as desired is questionable.

(3) Effect of providing different bedfall in a rock-cutting and in the bank preceding or following it. The assumption that surface slope of water follows these bed-slopes loyally is probably the most incorrect assumption which is responsible for the failure of our designs of discharging capacity of canals.

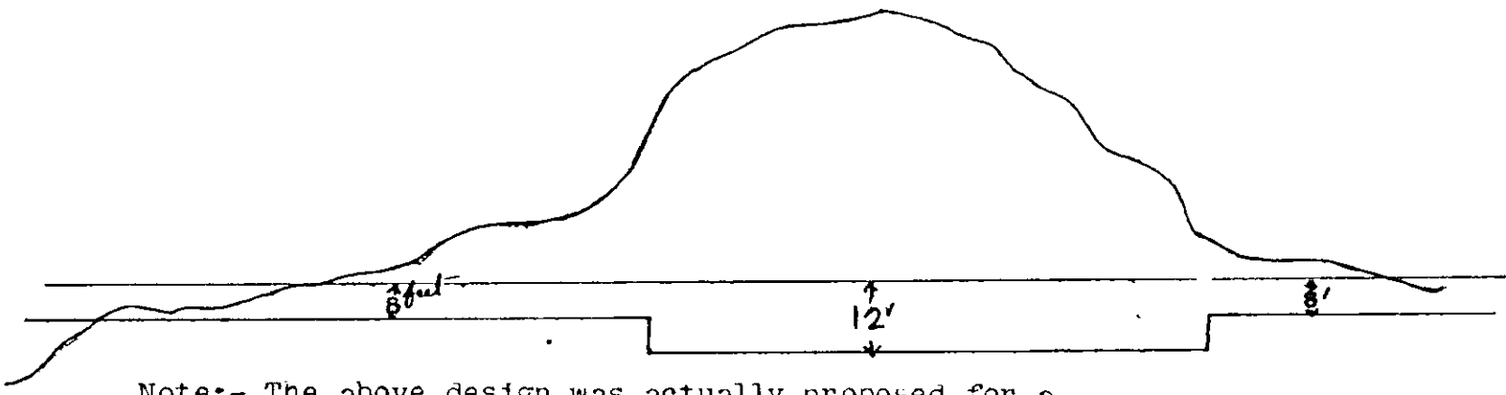
It is due to these wrong assumptions that portions of embankments upstream of rocky cuts (deep as well as ordinary) suffer in surface slope and have to be remodelled for carrying the designed discharge by increasing water depth which, in their turn, increases losses by percolation.

A correct design rather than stitching after the cloth of the coat tears is what is required.

(4) Correctness and limitations in designs in allowing a lowered C.B.L.(and hence a larger depth of water) in deep

P.T.O.

cuts with C.B.L. of portions on either side higher up. (See sketch).



Note:- The above design was actually proposed for a certain length of Ghataprabha Right Bank Canal and highly appreciated by the Inspector General of Irrigation in 1908.

(5) Most economic nature of treatments, e.g. water cushion or ogeefall or cement concrete schute to prevent scour and undermining of waste-weir walls in cases like Yangalli tank where strata is not hard nor is material so soft as alluvium.

(6) Limiting scouring velocities in soils ranging from murums and soils of the normal Deccan traps to soils in ~~the~~ Granites Sandstones, Quartzites, Schists, Gneisses and various types of clays, particularly in Karnatak.

Note:- ~~Unlike Deccan~~, the nature of soils and murum in Karnatak differs very widely from the soils of Deccan.

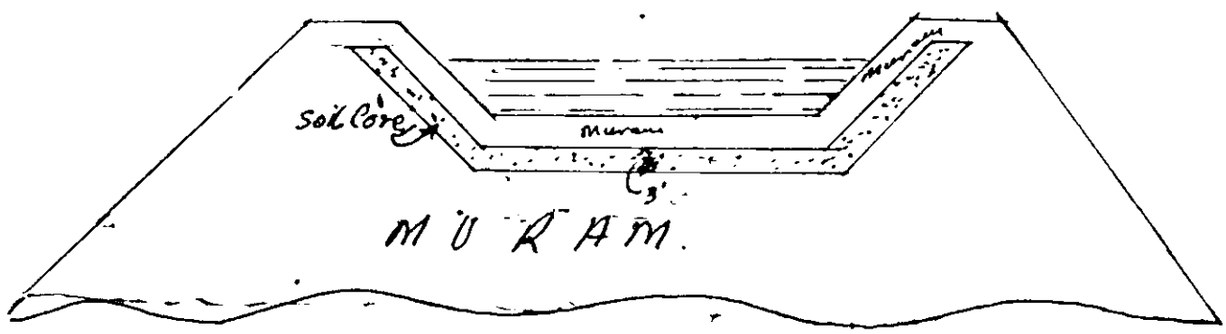
(7) Silt loads and non-silting velocities (if any limits) in canals in Karnatak in the various types of soils met with.

(8) Losses in transit in various types of soils and rocks and reduction in the same by various treatments like gunniting, plastering, cementation under pressure etc.

(9) Combined advantage of 8 and 1(c) above.

(10) Use of cubical hard murum for making embankments of canals so as to reduce the cross sectional area of soil core used in canal banks, which it is suspected settles in height and expands on the base, thus making them unsuitable and causing breaches.

Whether a 3 feet thick core round the perimeter will suffice ~~and~~ (see sketch) if not what minimum thickness required.



(11) Advisability of removing black soil or Chopan in natural ground before laying embankments above the same. Certain lengths on Nira and other Canals show that the black and chopan soil in situ causes land slides after getting saturated.

(12) Actual denudation caused by rainfall and other agencies in the various types of surface soils and the slopes at which such soils withstand denudating agencies. This point is important for designs of cross-drainage works and also for silting of reservoirs.

(13) Correct designs of tail channels of cross drainage works.

(14) Coefficient of discharge of various types of outlet gates under

different heads of water in reservoirs

(15) Aquatic weeds and new biological methods for eradicating the same.

Superintending Engineer,
Special Investigation Circle.

RGY/10.8
Compd.by:

Letter.

No. Q. 108.
Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar, 14th August 1948.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Proposal for opening a special Sub-Division with an experimental station for Irrigation research.

There is a large number of problems on the economics of designs and also of construction of irrigation canals which deserve immediate and careful attention but have unfortunately remained unattended to. We have been using age-old formulae in our designs though actual practice has shown that they have failed us.

2. Though we are fortunately free from the problems of heavy silting and scour of canals and meanders of rivers, peculiar to upper India (which are being tackled at Hydro Dynamic Research Stations like those of Khadakwasla) we have other problems which are even more important but which have not caught the eye of the Engineer, the research worker and of Government. These problems will have to be dealt with by geometrically proportionate or distorted but stiff-sided models or by actual experiments of other types. But for this we may be wasting anything upto 30 per cent on the estimated cost on construction of canals and/or spending heavily on remodelling soon after works are reported complete. The fact that Nira Right Bank Canal, though designed for 1500 cusecs and expected to carry 1800 cusecs by increasing F.S.L. by 1' only, could discharge only about 1000 cusecs from the very beginning, should be sufficient to prove that there is something radically wrong with the very basic assumptions we make in designs of canals.

3. It will be very short-sighted, certainly, if we connive at the fact or put in snap-shod explanations or propose half hearted remedies trying to save a few lakhs of rupees by way of actual model experiments. In that case we should be prepared to see with open eyes the first 44 miles of Ghataprabha Left Bank Canal constructed at a cost of 5.1/2 crores with an expectation that it will carry 1500 cusecs and irrigate 1.1/4 lakh acres every season and ultimately find that it cannot carry even two-thirds the designed discharge and hence can irrigate only about 80,000 acres against 1,25,000 anticipated. There is definitely a strong case for saving this 33% loss in efficiency which is equivalent to a waste of capital expenditure of 1 3/4 crores (33% on 5.1/2 crores) on the 44 miles length of one canal. The complete system of Ghataprabha Valley Project (including both Left Bank and Right Bank Canals) will involve a waste of anything upto 5 crores. It would certainly be most unwise to connive at these facts. Verification of causes by experiments is absolutely essential.

4. It may, perhaps, be said that there is already a Hydro-dynamic Research Station at Khadakwasla to which we could refer our problems. This argument will be misleading. The Khadakwasla Research Station is fully busy with problems peculiar to alluvial tracts, their canals and rivers. That is exactly why each of the three Governments viz., Madras, Hyderabad and Mysore have an individual experimental research station of ~~their~~ its own. Every province has its pecularities and requirements and needs an irrigation Research Station for itself. Bombay certainly deserves to have its problems tackled at its own research station when the province has decided to launch on a scheme of the magnitude of Ghataprabha Canals with a large reservoir.

P.T.O.

5. Again some might suggest that we should take advantage of the work being done and results published by the three -- research stations mentioned above. This will not help. When we are constructing Irrigation Schemes worth several crores, it would be a penny-wise policy to depend for such experiments on other stations. Our problems may be quite different from theirs for the very reason that our soils and rocks are different. - Again, most of their canals have paddy as the main crop which makes it possible for them to have very long closures and automatically solves their problems of aquatic weeds e.g. which causes our worst headache. Besides, the priority they would attach to various problems may be quite different from their point of view as compared with our immediate needs.

If we are going to have flood Canals, as approved by Mr Gabriel, our problem of weeds can be automatically solved.

6. Some work is being done in the Poona Irrigation and Research Division, but that is mainly on Deccan Trap soils and little is being done (as could be seen from the annual reports) on the broad problems of the economics of the canals as enumerated in the accompanying list. The Poona Irrigation and Research Division ~~have~~ no laboratory for Hydraulic Engineering problems. The Ghataprabha scheme is going to be Bombay's largest scheme and it is only reasonable to construct Bombay's irrigation experimental research station in Karnatak. I request approval of Government to open a station for problems on Irrigation Research. A list of problems needing immediate solution is attached and will show that a separate sub-division is fully justified for that purpose. This, with the two new Sub-Divisions, viz., one Soil Research and the other for Reconnaisance for Irrigation Projects in -- Karnatak will be sufficient work for a separate Executive Engineer. Detailed proposals for the Sub-Division and for a Division will be submitted on Government's approval in general being communicated to me.

7. I have explained elsewhere that the Executive Engineer, Irrigation Projects Division(South) is required to pay full time attention to surveys of canals and sites of dams and estimates for the same in Ghataprabha and Malaprabha Valleys and any diversion to other work will tell very seriously upon the progress of surveys and designs of dams and canals which he has in hand. In fact work has suffered in the past and should not be allowed to suffer in future, by loading him with the soil surveys and general reconnaissance. A separate reference is made in that connection.

Accompaniment:
1 list.

Superintending Engineer,
Special Investigation Circle.

RGY/10.8
Compd.by:

E 10/8

P. W. D.
File No. ~~4819/36~~ 92-5-1/36
Serial No. 44984

Letter. No.G-108/I

Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar, 14th August 1948.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Creation of 2 new sub-Divisions for Soil Research and Reconnaisance and consequent arrangements and changes needed.

Reference : Government Letter, P.W.D., No.9252/36-E(I) - dated the 23rd July 1948 and of the 27th July 1948.

2. The orders of Government (vide G.L.,P.W.D.,No.9492/36-E(I)— —dated 27-7-1948) creating a new Sub-Division for Reconnaisance of Irrigation Projects in Karnatak are noted. Government have not issued orders as to the Division under which the Sub-Division should work nor as to the Head-quarters. The name of the Sub-Division perhaps conveys that Government want it to be attached to the "Irrigation Projects Division"South.

3. Government have also recently ordered (vide G.L.,P.W.D., -- No.9252/36-E(I) dated 23-7-1948) the opening of the Soil Research Sub-Division regularly, (The work was already taken up in hand partly by Dr.Kulkarni and some establishment was also already -- appointed from 17th February 1948) under the Executive Engineer, Irrigation Projects Division(South).

4. With these two new Sub-Divisions, and the three existing ones, the Irrigation Projects Division(South) will have five -- Sub-Divisions, three with large scale surveys and levelling in Ghataprabha and Malaprabha valleys, one with soil surveys over extensive areas and one for reconnaisance of large Irrigation Projects (part-surveys of which may be on rivers like Bhima and Krishna even outside Karnatak). In addition there will be very heavy work of preparation of plans and estimates in the Drawing Branch in connection with Dams and Canals.

5. I do not think the Executive Engineer, Irrigation Projects Division(South) will be able to cope up with all the work. I may record from actual experience in the past that the supervision on survey work in even the three existing Sub-Divisions under the Irrigation Projects Division(South) was slack and organization not proper. The result was that work turned out was not commensurate. It will, therefore, be incorrect to load that Division further by the addition of these two important Sub-Divisions with very extensive jurisdiction. The work of selecting of sites of dams in the Ghataprabha Valley and preparing fair plans and -- estimates for Dams, with probably alternative proposals for -- earthen dams where results of bores show a masonry dam to be either costly or impossible, in addition to surveys of alignments and plans and estimates for Ghataprabha Right Bank and Malaprabha Right Bank Canals will need the full time attention of the Executive - Engineer, Irrigation Projects Division(South) and any diversion will tell seriously upon the efficiency & progress

6. I considered carefully the possibility of the transfer of the Daddi Head Works and Ghataprabha Left Bank Canal Sub-Division to Ghataprabha Left Bank Canal Division but consider that to be inadvisable. The organization of construction works particularly with modern methods involving use of machinery such as tractors, tournapulls or scrapers, pneumatic compressors and drills will need his whole time attention.

7. I, therefore, consider that a separate Division is essential to look after the two new Sub-Divisions, viz.

(i) The Soil Research Sub-Division,
and (ii) The Reconnaisance Irrigation Projects(Karnatak) Sub-Division.

P.T.O.

The work of construction of the relief models will also be looked after by the new Division itself. The work of researc for underground water and reconnaisance of new schemes is suc.. that he will have full time work. This will be so particularly during the period of organization of these two Sub-Divisions.. Later on I expect he will have one more Sub-Division, proposals about which I am putting up separately.

8. I, therefore, request you to kindly move Government to open a new Division with a suitable name (I would suggest "Irrigation Research Division, Karnatak") with headquarters at Dharwar.

9. If, however, Government do not agree to this, I will most reluctantly have to suggest the following alternatives. I do not think they will work properly but they are the only options left if a new Division is not sanctioned.

Alternative No.1

(1) That the Daddi Head Works and the Ghataprabha Left Bank Canal Sub-Division should be transferred to Ghataprabha Left Bank Canal Division.†

(2) That the Reconnaisance Sub-Division should be attached to the office of the Superintending Engineer. The accounts will be audited by one of the Divisional Accountants through an imprest account.

(3) That the work of underground supplies of water should be transferred to the Soil Surveys Sub-Division under the Irrigation Projects Division(South).

(4) That the head-quarters of the Irrigation Projects Division(South) should be shifted from Belgaum to Dharwar.

Alternative No.2

(1) That both the Daddi Head Works and Ghataprabha Left Bank Canal Sub-Division as well as the Ghataprabha Right Bank Canal Sub-Division should be transferred to the Ghataprabha Left Bank Canal Division (which can then be better named "Ghataprabha Valley Development Division").

(2) That the Irrigation Projects Division(South) should have the following three Sub-Divisions:-

(a) Malaprabha Sub-Division,
(b) Soil Research Sub-Division,
(c) Reconnaisance of Irrigation Projects (Karnatak) Sub-Division.

The headquarters of the Irrigation Projects Division (South) will have to be shifted to Dharwar in this case as well.

P. W. D.
File No. 9252/36
Serial No. 45135

10. As stated already, I do not recommend either of the two alternatives but have suggested them in case Government would not agree to the formation of "Karnatak Research Division". I am convinced that the formation of that Division is essential and unavoidable. This will be clear from the letter explaining the necessity of a new Sub-Division viz. the "Irrigation Experimental station Sub-Division" which is written separately.

Superintending Engineer,
Special Investigation Circle.

RCY/11.8.
Compd.by

† Note :- Actually the work being done & to be done is for Sites of Dams only, as soon as G.L.B.C. being saved they will go in any case to Ghataprabha Left Bank Canal.

9252/36/45135.

P. W. Deptt.

E. B. (I).

Submitted together with serial No.44984.

2. In the circumstances stated in his letterswithin the S.E., S.I.C. has made the following proposals:

(I) A new Sub-Dn. with an experimental station may be created for problems on irrign. research in Karnatak (as detailed in the list).

II) A new Division to be called "the Irrign. Research Dn., Karnatak" may be created and the three Sub-Dns. viz.

(a) The new Sub-Dn. proposed at (i) above

(b) The Soil Research Sub-Dn. (sanctioned in G.L. No.9252/36-E(II), dated the 23-7-48) and

(c) the Reconnaisance of Irrign. Projects Sub-Dn. (sanctioned in G.L. No.9492/36-E(I), dated the 27-7-48), may be placed in this Dn.

III) If the proposal to create a new Dn. is not approved the following two alternatives are suggested by the S.E.

(a) Alternative No.1.

(i) The Dadde Head Works and the Ghatprabhu left Bank Canal Sub-Dn. should be transferred to the Ghataprabha Left Bank Canal Dn.

(ii) The Reconnaisance of Irrign. Projects Sub-Dn. should be attached to the office of the S.E. The accounts will be audited by one of the Dnl. Accountants thro' an imprest account.

(iii) The work of underground supplies of water should be transferred to the Soil Surveys Sub-Dn. under the Irrign. Projects Dn. (South). The head-quarters of the Irrign. Projects Dn. (South) should be shifted from Belgaum to Dharwar.

Alternative No.2.

(i) Both the Dadde Head Works and the Ghataprabha Left Bank Canal Sub-Dn. and the Ghataprabha Right Bank Canal Sub-Dn. should be transferred to the Ghataprabha Left Bank Canal Dn.

(ii) the Irrign. Projects Dn. (South) should have the following three Sub-Dns.

(a) Malaprabha Sub-Dn.

(b) Soil Research Sub-Dn.

(c) Reconnaisance of Irrign. Projects Sub-Dn.

(iii) The head-quarter of the Irrign. Projects Dn.(South), should be shifted from Belgaum to Dharwar.

The S.E., however, does not recommend either of the two alternatives.

3. As regards the creation of a new Dn. to be called the Irrign. Research Dn., Karnatak it may be stated that the S.E. had made the same request in Feby. 1948 which was negatived - vide G.L. No.9252/36-E(I), dated the 17-3-48 and the notes underlying it.

4. It is for consideration which of the S.E's proposals may be appd. On receipt of orders the S.E. will be asked to submit the details reg. estabt. etc. of the proposals.

Thro' E.B.(II) I.B.(I) and (II) Dy.

PB 9/9/48

Rnl 9.9.48

BBR 10/9/48

BM 7.9.48

GD/7/9/48.

The S.E., S.I.C., has given a list of problems of construction of irrigation works which need research. It may be mentioned that in reviewing the project of the Gh. L.B. Canal this office had pointed out the necessity of determining the correct values of 'N' for rock cuts on a canal. While it may be admitted that the problems in the list require careful attention it may be stated that many of them may possibly be more usefully investigated by observations on a running canal rather than from models which cannot possibly reproduce all the factors in the field. If this is accepted the number of problems which are peculiar to the soils of the Karnatak need alone require special attention. It is therefore difficult

~~43~~ 92 52/36/45135

to accept the necessity of a full division for the purpose. However the proposals for the reorganization of the Divisional jurisdictions may be considered. Of the two alternatives the proposed alternative (1) would be more preferable. The reasons for this is that the reconnaissance of new irrigation schemes will be directly under the guidance of the S.E., S.I.C. and the Ex. Engr. Irrign. Project (South) Divn. will be able to pursue the work of the projects which have been approved for detailed investigation.

[illegible] I am in full sympathy with the SE about the necessity of a separate research Dn for Karnatic. Eventually it is necessary to have one. At the moment, we are short of suitable officers & I think the SE will have to wait for another year before the new Division could be sanctioned.

In the meantime alternative no 1 may be carried out. Before shifting the head quarter to Dharwar, it should be ascertained if there is accommodation for the EE's office, residence & Staff. If so we would like to be shifted to the new place.

22/9/48

22/9

925486
45/185

FB (I)..

Submitted with reference to the Dy. Secys and the Secys' notes overleaf.

2. The draft put up may issue after nor to the F.D.

This A&S (E).

NM 2/9/48.

28/9/48

V. Wright

U.O.R. to the F.D. dated the 30-9-48

FINANCE DEPARTMENT
File No. P&R I
Date 30/9/48
Serial No.

(Finance) Deptt.

P&R I

Seen and returned to the P.&D.

4.10.48

D.S. (F&R) FB (I)

U.O.R. to the P&D. dated 6.10.48

FB (I)

The draft on pages [illegible] post may now issue.

9-10-48.

9/10/48

P. W. D.
File No. 9252/36
Serial No. 55165

No.9252/36-E(I). Letter. Public Works Deptt.,
B.C., 12th ~~Sept~~ Octo. 1948.

To

The Supdg.Engr., Spl.Investigation Circle.

Subject:- Creation of a new Divn.and a Sub-divn in the Spl.Investigation Circle.

Reference: Your letters Nos.G.108 and G.108/I, both dated the 14-8-48.

2. Your proposal to create a new tempy:Sub-divn. with an experimental station for problems on irrign.research in Karnatak cannot, it is regretted, be accepted. The Soil ~~Classification~~ Research Sub-divn. and the Reconnaissance of Irrign. Projects Sub-divn. can carry out the field investigations required urgently for the design of the new canals.

3. Although it is necessary to have a separate Research Divn.for Karnatak, it cannot, it is regretted, be sanctioned for one more year at least due to the shortage of suitable officers. In the meantime Govt.is pleased to accept alternative No.1 suggested by you and to direct as under:-

(i) the Daddi Head Works and the Ghataprabha Left Bank Canal Sub-divn.should be transferred from the ~~Irrk~~ Irrign.Projects Divn.(South) to the Ghataprabha Left Bank Canal Divn.

(ii) the Reconnaissance of Irrign.Projects Sub-divn. —(sanctioned in Govt.Letter No.9492/36-E(I), dated the 27-7-48) should be attached to your office, the accounts thereof being audited through an imprest account by one of the Divnl.Accountants under you.

(iii) the work of underground supplies of water should be transferred to the Soil Surveys Sub-divn.in the Irrign.Projects Divn (South).

(iv) the Head-quarters of the Irrign.Projects Divn.(South should be shifted from Belgaum to Dharwar. Before, however, shifting the head-quarters of this Divn.

9252/36/55765

to Dharwar, you are requested ~~to~~ please to report whether suitable accommodation is available there for the office and residence of the Ex.Engr.and residence of the members of the staff.

By order of the Govr.of Bombay, D.A.-Nil.

Copy forwarded to -

the F.D.,
the A.G.,Bombay (through the F.D.)

for information.

28-9-48

Orders issued after consultation with Finance Department.
Notes recorded in this Department and can be seen when required.

ISSUED 12/10/48

2 MKP 28/9/48.

29/9/48. Sept

Issue urgent ... with 4 spare ... 11/10/48

To ... 15. (III) ...

20/X/48

No.G-108.

Office of the Superintending Engineer,
Special Investigation Circle,
Dharwar: 2nd November 1948.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: Creation of a new Division and a Sub-Division in the Special Investigation Circle.

H 85-90

Reference: Government Letter, Public Works Department No.9252/36-E(I), dated the 12th October 1948.

2. With reference to instructions contained in para 3(iv) of the above quoted Government Letter, I have to inform that there should be no difficulty in ohtaining a building suitable for the office of the Executive Engineer. We have already got the following -

(1) Mr.Koppalkar's building being till recently used as office of the Superintending Engineer, Special Investigation Circle,

(2) The Lingayat Town Hall.

There are other buildings also. The Executive Engineer, Irrigation Projects Division (South), has been directed to get in touch and arrange to hire suitable building. He has also been directed to shift to Dharwar as soon as a building is decided upon.

3. As regards accommodation for the residence of the Executive Engineer and his staff, the officer in question will see to this by personal enquiries as was done by the Executive Engineer, Karnatak Sanitary Division and the Executive Engineer, Minor Irrigation Division. The residence of the Executive Engineer, Irrigation Projects Division (South) at Belgaum is also one arranged by him directly and not through Government. He will, therefore, d as above. If, however, Government desire that a building should be hired by Government and allotted as residence to the Executive Engineer, Irrigation Projects Division (South) this will be done. I strongly recommend the same. In that case we should also hire buildings for his staff too, particularly when the whole office is to be shifted from Belgaum to Dharwar. A building may be hired by Government for clerical staff for one year.

4. It will be possible for the staff to find out accommodation for themselves during this period. Actually the loss to Government between 10% of salary of staff and the actual rent will be of the order of 100 Rs. a month or so and Rs.1200/- for the year.

change

As soon as staff of the Irrigation Projects Division (South) came to know of the proposed ~~shift~~ in Headquarters of the Division, they have represented that this shift in Headquarters should be post-poned to March 1949. I do not think it would ~~be~~ make much of a difference if the shifting was postponed. But all difficulties could be solved if a building was rented by Government.

Superintending Engineer,
Special Investigation Circle.

G.1.11.
compd.by

9252/36/60908. 92

EB(I). PWD.

The main file containing the G.L. referred to overleaf is required for the disposal of this reference.

The file is put up with the EB(II) case (file no. 10005/36) regarding Screening of new items of expdr. Sanctioned during the current year.

This reference will be further dealt with as soon as the file becomes available.

Bell 26/11/48

When was the main file put up as F.B.?

Dhb 26/11/48

Shri Vaidya

EB(I) Explained personally. Await.

Dhb 3/12/48

EB (I) 5/11

P. W. D.
File No. 9252/36
Serial No. 60908

OFFICE ORDER.

No.G-108

In accordance with orders issued by Government in its letter, P.W.D., No.9252/36-E(I), dated the 12th October 1948, copy sent to the Executive Engineer under this office endorsement No.G-108 dated the 30th October 1948, the --- Reconnaissance Irrigation Projects Sub-Division, Dharwar, sanctioned in Government letter, P.W.D., No.9492/36-E(I) dated the 27th July 1948, should have been and should now be --- transferred and remain ~~x~~ attached to the office of the Superintending Engineer, Special Investigation Circle, Dharwar, for administrative purposes. For the purposes of accounts, it should be under the control of the Irrigation Projects Dn. (South). The Executive Engineer is requested to explain why this transfer was not effected in accordance with para 1 of this office No.G-108 dated the 30th October 1948. It is now full one month and 20 days since the issue of orders. It is not understood why a reminder should have been required for giving effect to Government orders.

2. The correspondence relating to administration should be dealt with by the Sub-Divisional Officer directly with this office, that pertaining to accounts being dealt with the Executive Engineer as usual.

Office of the Supdg.Engr.,
Spl.Investigation Circle,
Dharwar, 24th Dec.1948.

Superintending Engineer,
Special Investigation Circle.

Copy ---

Copy forwarded with compliments for information to --

1. The Secretary to Government, P.W.D., Bombay, with reference to para 3(ii) of Government letter quoted above.

2. The Accountant General, Bombay.

3. The Executive Engineer, Irrigation Projects Dn.(South), Belgaum.

4. The Deputy Engineer, Reconnaissance I.P.Sub-Dn., Dharwar.

2. If the Deputy Engineer finds that the drawing account is more convenient and suitable than the imprest account as now proposed by Government, he should report forthwith through the Executive Engineer giving reasons in support to obtain necessary ~~nooooeary~~ sanction for the drawing account being continued.

EB(T) 28/1 ... 27 ..

D.

9252/36

72419

E13(T)

21/2/28

RGY/23.12
Compd:by:

9252/36/72419

P.W.Deptt.

E.B.(E).

In para.3 (iv) of G.L.No.9252/36-E(I),dated the 12-10-48, the S.E., K.I.C's proposal to shift the head quarters of the Irrign.Project Dn.(South) from Belgaum to Dharwar was approved but before shifting the head quarters, the S.E.was asked to report whether suitable accommodation ~~for~~ is available at Dharwar for the office and residence of the Ex.Engr. and residence of the members of the staff. The S.E. says that there would be no difficulty in obtaining a suitable building for accommodating the Dnl. office at Dharwar. As regards the residential accommodation for the Ex.Engr.and his staff the S.E.says that the Ex.Engr. will see to this by personal enquiries as was done by the Ex.Engr.,Karnatak Sanitary Dn. and the Ex.Engr.,Minor Irrign.Dn.

B The S.E. has,however,made a proposal that bldgs. may be hired by Govt. and allotted to the Ex.Engr. and the staff for their residence. The proposal is made on the presumption that Govt. desires to hire a building and allot to the Ex.Engr. for his residence. The S.E's presumption is not correct. It is not usual for Govt. to hire buildgs. for its employees.

From the concluding portion ~~of para~~.marked 'A'of para.4 of the S.E's letter it will be seen that the staff of the Dn. wants to postpone the shifting of the head-quarters till March 1949 presumably because they are not in a position to secure residential accommodation at Dharwar.

2. In the circumstances, it is for consideration whether the S.E. may be informed that the head-quarters of the Irrign.Projects Dn.(South) should not be shifted to Dharwar unless and until suitable accommodation becomes available there for the Dnl.office and residence of the Ex.Engr.of the Dn.and his staff.

3. Orders are also requested on the S.E's proposal at 'B' above.

pp 93-94

4. Srl. No. 72419.- No action is necy.

Thro.A.B.(I). BKR.6/1/49.

7/1/49.

6/1/49.

The whole sale transfer of staff is bound to cause inconvenience unless it was ascertained that suitable accommodation for staff was available. The S.E merely hints at hiring accommodation for residence of staff. He should make definite proposals. Though normally Govt does not initiate such proposals, if S.E considers such a course as conducive to better efficiency, Govt may be prepared to consider it.

The staff have represented that shifting of Hq. may be postponed till March. Probably this has a reference to school terms. I think there would be no harm in agreeing to this request since staff though the S.E considers it as one of no importance.

A ref to S.E (I)'s remarks at end of P87 is requested.

9/1

Secy (I)

I agree with A above. The EE should be definitely told that the H.Q. will be shifted and to find out suitable accommodation.

10/1/49

for secy.

11/1

10/1/49

9.0 प्रकाशनार्थ 97

Honarable Dr. Gilder
Minister P.W.D. Bombay.

Sir,

The question of Shifting Ex Engr Irr. Proj. Dn (South) Belgaum has been taken by S.E.S.I.C. Dharwar. Immediately after Govt. orders. He has not considered whether quarters are available for the staff. Building for office is also not available even after corresponding with the collector of Dharwar for two months Therefore it is not understood how other staff can get accommodation. S.E.S.I.C. says that all the staff should stay under trees even though Govt has said if accommodation is available the Hdqrs should be shifted.

I hope that the popular Govt will investigate in to the matter and redress the grivances of poor people, like peons and clerks immediately before 25th nearly 20 to 25 families will have to be shifted Because he belongs to Hindumaha Sabha He troubles staff so as to force them to go on strigure which is the present policy of Mahasabha. Besides they use Bhagawa Flags on survey

work which is a credit for they being

Hindu [illegible]

Yours,

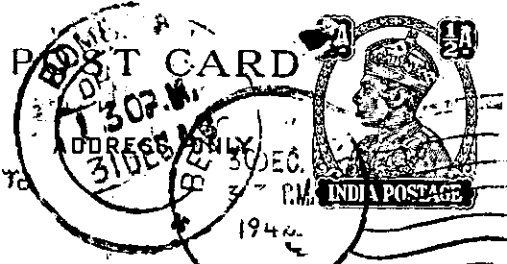
PP

V. V. Telephone to.
Ask Vyas by
see me EI 7/1

File 9252/36

1206

POST CARD



HON. DR. GILDER

MINISTER P.W.D.

GOVT OF BOMBAY

BOMBAY

9252/35
1206

The SE KIC proposed in August 1948 that H.Q. of I.P. Div should shift from Belgaum to Dharwar. ~~Govt approved the proposal~~ in principle was agreed towards end of Sept. 1948 on condition that suitable accommodation was available at Dharwar for the office & residence of the EE & the staff. The SE reported in Nov. that there would be no difficulty about office accommodation & that the staff should find their own accommodation. It seems the staff expectations that the shifting would be effected by March 1949 but the SE considers that this will not make any difference.

The SE has invited that Govt may hire the buildings to house the E.E. & the other staff & he is being asked to submit concrete proposals.

AS 6/1

The P.C. surveyed by SE KIC for about

ASE 6/1

EB(A)
6/1

9252/36/1206.

E63 (I)

Resubmitted with reference to the notes on pages 95-96 & 99 ante and with the necy. draft for approval.

BBM
10.1.46.

OK

101 9292/36/1206.

Letter.

No. 9292/36-E(I). P.W.D.

B.C., 11th January 1949.

To

The S.E., K.D.C.

Sub: Shifting of the head-quarters of the Irrn. Projects Dn. (South).

Refce.: Your letter no. G.108, dated the 2-11-48. P: 91

2. The shifting of the head-quarters of the Irrn. Projects Dn. (South), from Belgaum to Dharwar should be postponed till the end of March 1949. The Ex. Engr., Irrn. Projects Dn. (South) should be informed that the head-quarters of his Dn. will be

definitely shifted & Kharwar and that he should find out accommodation there.

3. A representation (Post Card) from Mr. V.V. Mb 97-98 addressed to the Hon., P.M., complaining against the immediate shifting of the head-quarters of the Dr. ref'd. above, etc., is forwarded herewith for report.

Mb 97-98
D A: Representation (Post card).

By order of the S.-G.P.,

101 ref.

DSE — V. urgent (Pl. Keep clear O.C.) & ret with 2 spare copies.

Letter.

No.9202/36-E(I

Public Works Department,
Bombay Castle, 11th January 1949.

To

The Superintending Engineer,
Karnatak Irrigation Circle.

Subject :- Shifting of the head-quarters of the Irrigation projects Division (South).

Reference : Your letter No.G.108, dated the 2nd November 1948.

2. The shifting of the head-quarters of the Irrigation Projects Division (South) from Belgaum to Dharwar should be postponed till the end of March 1949. The Executive Engineer, Irrigation Projects Division (South), should be informed that the head-quarters of his Division will be definitely shifted to Dharwar and that he should find out accommodation there.

3. A representation (Post Card) from Mr.V.V.V. addressed to the Honourable Minister, Public Works Department, complaining against the immediate shifting of the head-quarters of the Division referred to above, etc., is forwarded herewith for report.

By order of the Governor of Bombay,

11/1/49

Deputy Secretary to the Government of Bombay, Public Works Department,

D.A.:- Representation (Post Card).

PSM.11/1/49.

ISSUED

11/1/49.

No.G-108

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 19th January 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Shifting of the Head-quarters of the Irrigation Projects Dn.(South).

Reference : Government letter, P.W.D., No.9292/36-E(I), dated the 11th January 1949.

2. Orders of Government to postpone shifting of head-quarters of Irrigation Projects Dn.(South) to end of March and that the head-quarters will be definitely shifted then, have been conveyed to that officer.

3. In the latter part of para 2 however, Government have directed that

> "He (the Executive Engineer) should find out accommodation there".,

Government have not made it clear which "accommodation" they have in view i.e. whether for -

(1) the Executive Engineer's office,
(2) the Executive Engineer's residence,
or (3) the residence for staff.

So far as (1) and (2) are concerned, a building has been fixed up already by the Executive Engineer for office (Mr.Mulkoti's bungalow). The said bungalow will, however, be lost to us if we do not take possession of it immediately. The Executive Engineer was carrying on negotiations for this bungalow for the past two months. If we do not take possession of it immediately, we may not get another building in March when we want it.

4. Under these circumstances, I am directing the Executive Engineer to take immediate possession of this building for his office, unless he hears to the contrary from Government within a week of the issue of this letter.

5. This will result in Executive Engineer paying rent at both places i.e. both at Dharwar and Belgaum for his office but that cannot be helped being due to change in date of shifting.

5. Regarding (2) Mr.Kankanwadi (Executive Engineer) has also arranged a house at Dharwar for himself. As it is, he too will have to pay rent at both places - Belgaum and Dharwar and will be put to a monitary loss. I consider that he should be compensated for the same. The amount will be ascertained and communicated to Government.

6. I may please be informed whether Government want Executive Engineer to do (3) above viz. take on rent houses for his staff. Apparently Government wish to do so, as recommended by me at the end of para 3 of this office No.G-108 dated the 2nd November 1948. I am, therefore, directing the Executive Engineer to take up negotiations with owners of houses to provide accommodation for clerical and other staff, for one year.

7. If however Government do not intend to take that step, the difficulties of staff will still continue to be what they are now. For, there is no possibility of the staff getting houses even by end of March unless special arrangements were made.

P.T.O.

8. In fact, mere postponing of the date of shifting without ordering the Executive Engineer to hire accommodation for staff (or building new houses for them as -- recommended by me under this office endorsement No.D.D.13 dated the 22nd December 1948) will leave their grr -- grievances as they are and will in fact result in at least some of the clerks at Belgaum resigning their posts for want of accommodation at Dharwar; or even if they shift to Dharwar, they will not have the mental quiet necessary to turn out good work, as they will suffer both physically as well as mentally.

9. Government will, therefore, have to choose between -

(1) Allowing work to suffer, due to Executive Engineer's office continuing at Belgaum,

(2) Conniving at the difficulties and hardships of the staff even if date of shifting is - postponed to end of March.

The only method to avoid both is for Government to build houses for staff or to hire them till then. Failing either the only option left is -

(3) postponing shifting till houses are available, i.e. sine die and allowing progress to suffer.

Postponing only upto end of March is not a real solution of the problem.

The post-card.

10. Government have called for a report on the contents of the post-card. This is sent to the Executive Engineer, Irrigation Projects Dn.(South) for comments which will be communicated in due course. Personally I think the post-card is not worthy of attention as it is anonymous and -- contains insinuation meant to prejudice the main issue and not based on straight forward arguments.

11. All I need do at present is to refer to para 4 (sub-para 2) of this office No.G-108 dated the 2nd November 1948, reproduced below in toto:-

> "As soon as staff of the Irrigation Projects Division(South) came to know of the proposed change in head-quarters of the Division, they have represented that this shift in head-quarters should be postponed to March 1949. I do not think it would make much of a difference if the shifting was postponed. But all difficulties could be solved if a building was rented by Government."

Government were kept fully informed of the difficulties of the staff and also shown the way out, viz. renting of houses by Government (and this was followed by a proposal that Government should build houses for staff vide this office No.D.D.13 dated the 22nd December 1948). Government did not take any decision for over two months, and the result was inevitable staff chose to follow an unfortunate course they took at last, viz an anonymous letter containing misleading arguments, undesirable things they are

D.A.:-Nil.

Superintending Engineer,
Karnatak Irrigation Circle.

RGY/17.1
Compd.by:

No. 9292/36/4791

P.W.D.

EB(I)

Submitted with reference to G.L. No. 9292/36-E(I), dated the 11-1-49, and p 103 the notes underlying it. p 95 99

2. Receipt of the report called for in para 3 of the G.L. referred to above may be awaited. Thro. EB(I). p 103

24/1/49.

AB.(I)

Before the head quarters of the Irrign Projects Div (South) are transferred to Dharwar the S.E., K.D.C., was asked to find out accommodation there. Accordingly the S.E. has reported in his letter on p. 108 ante as follows:—

(i) Owing to dearth of buildings at Dharwar the Ex. Engr., Irrign. Projects Div. (South), has been informed to take possession of Mr. Hulkoti bungalow immediately in anticipation of Govt. sanction to the proposal.

(ii) It is requested that the Ex. Engr. may be paid compensation for the monetary loss incurred by maintaining two houses one at Belgaum & the other one at Dharwar, taken over in advance.

(iii) The S.E. requests Govt. whether the Ex. Engr. should be informed to take on rent houses at Dharwar for housing his staff.

146

the only alternative course left open to him to redress the grievances of his staff in securing accommodation.

4. Regarding (i) & (ii) above it may be stated that by taking possession of buildings — one for office & the other for residence — at Dharwar in advance, Govt. will have to pay rents for two months eg. for January & February unnecessarily. The amounts of rent fixed are also not known. In view of this it is for orders whether the proposals of the S.E. may be approved or negatived.

5. It is not usual for Govt. to hire buildings for his staff. But as severe hardships are experienced in securing residential accommodation due to acute shortage of houses everywhere, the S.E. has been asked to make concrete proposals in respect of hiring residential accommodation for the members of his staff — vide G.L. No. 5641/36-4 (1), dt the 20-1-49, from which it will be seen that Govt. has no objection to hiring of buildings but in no way Govt. should be put to any loss.

Sec A file No 5641/36 7665 P 11

8. It is for orders whether the proposal of the S.E. at (i) above should be negatived & he may be informed by wire to that effect as the S.E. wants Govt.

orders

orders within a week, in the absence of which he may consider his proposal as accepted.

24/1/49.

Building for office may be hired with rent for two months thus to be paid on account of shortage of accommodation. I am doubtful whether govt can spend for the accommodations hired by E.E. at Dharwar for his residence. H.D. may advise.

Orders regarding accommodation for staff have already issued on 20/1/49

24/1/49.

The S.E/K.J.C's proposal That Mr. Kankanwadi Exe. Engineer should be compensated, for being required to stay sent for his residence at both the places viz Belgaum & Dharwar simultaneously cannot, I think, be accepted

24/1/49

24.1.49

24/1

Immediate

U.O. No. [illegible] F.D. dated 28th Jan. 1949.

Issue U.O. (Pl. send by Spl messenger)

25/1/49

FIN[illegible]T DEPARTMENT
F
26/1/49

Fin. Deptt
Para 2

The proposal for F.D.'s examination
is in order at (i) of the P.W.D. memorandum.
The F.D. may agree to the proposal
for the reasons given by the S.E. K.I.C.
in paras 3-5 of his letter on page 10[illegible]/ante.

Agd.
26/1/49

Dy.

Secy. P.W.D. dt. 26/1/49.

Recd. in
P.W.D. at
by
spl. messenger

AB(I)

PWD.

Submitted with reference to this
Deptt. note of the 25-1-49.

2. The draft letter put up may
issue, if approved.

ABI
27/1/49

DR
27/1

2.40 P.M.

9252
9293/36
6042

Dy. EB(I).

29/1/49.

29/1/49

(I)

@W 31/1/49

DS(RK) Mr. K
27/1/49

31/1/49

DS

9252/36/604

Letter

No. 9252/BC-A(1). P.W.D., B.C., 1st Feby. 1949

To

The S.E., K.D.C.,

Subj. — Shifting of the Head-Quarters of the Irrigation Projects &c. (South).

Ref. 1165-1-5

Refee:- Your letter No. G. 108, of the 19-1-49.

2. Your request to hire a building in advance at Dharwar, where the office of the Ex. Engr., Irrign Projs Dn (South), is to be shifted shortly, is approved owing to the difficulty of securing accommodation as & when required.

3. Your request that the Ex. Engr. may be compensated for the monetary loss incurred by maintaining two residences one at Belgaum & the other one at Dharwar cannot, it is regretted, be granted.

4. Regarding accommodation for the staff attention is invited to G.L. No. 5641/BC-A(1), of the 20-1-49, wherein Govt. decision in the matter has already been communicated to you.

5th PA
Ic No 5641/36
2615

K 11

DA.— Nil

By ....

By order etc.,

Copy forwarded to

The F.D.

The A.G., Bombay (Thro' the F.D.)

for information.

29/1/49

1

Orders issued after consultation with Finance Department.
Notes remain with this Department and can be seen when required.

31/1/49

ISSUED
on 1/2/49

31/1/49

D.S. (R&S)

Issue to-day
1/2/49

To E.B.(I) with reference to its note at p. 107. No further action is necessary so far as A.B.(I) is concerned.

1.2.49

Prade
(Pl. attach to main papers.)

21/2/49.

Extract from letter No.G-108 dated the 2nd November 1948, from the Superintending Engineer, Special Investigation Circle, Dharwar, to the Secretary to Government, P.W.D.,Bombay.

Subject:- Creation of a new Division and a Sub-Division in the Special Investigation Circle.

" x x x

As soon as staff of the Irrigation Projects Division (South) came to know of the proposed change in headquarters of the Division, they have represented that this shift in headquarters should be postponed to March 1949. I do not think it would make much of a difference if the shifting was postponed But all difficulties could be solved if a building was rented by Government."

True copy

Head Clerk
to the Superintending Engineer, K.I.C.

RGY/21.1
Compd.by:

3-1-49 115

D.O.No. G.108

Office of the Superintending Enginee
Karnatak Irrigation Circle,
Dharwar, 22nd January 1949.

Dear Mr. Gurjar

G.103

In their recent letter, Government have ordered that the shifting of Head Quarters office of the Executive Engineer, Irrigation Project Division (South) should be postponed to end of March 1949.

2. I consider it most unfortunate that Government thought it fit to issue this order on the basis of an anonymous application. The views of the staff concerned were known to Government before 2 months having been communicated in para 4 of my No. G-108 dated 2-11-48., vide extract attached and in case Government wanted to change orders and postpone the change from Belgaum to Dharwar, that could have best been done on that information.

3. The fact that date of transfer of Office was postponed on the basis of an anonymous letter will, in my opinion, encourage the writer of this letter to pursue this in other matters.

4. As I have already shown, the persons concerned had full knowledge of the proposed change for about 2 months and postponing by 2 months more is not going to solve the difficulty of houses.

5. I write this to again request that instead of postponing the transfer to end of March 1949, the (immediately) Executive Engineer should shift with such staff as can go and that the remaining staff should shift as they get accommodation, but in no case later than March 1949. I have already pointed out that the office building for at Dharwar for Executive Engineer's office and also his residence will not be available to him if not engaged immediately.

24/1/49

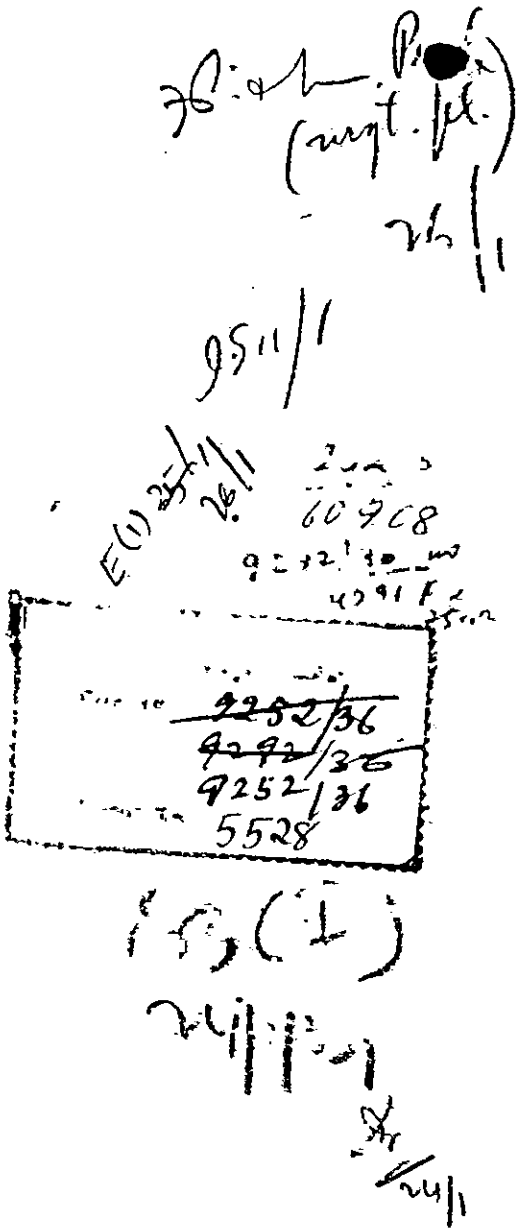
6. I request you to get this approved by Government and convey their change in orders, if a wrong impression that anonymous letters weigh with Government is not to be left on the staff and the public.

Yours

P.T.O.

To,

N. P. Gurjar, Esq.I.S.E.
Chief Engineer, (Irrigation) + Secretary to Govt
Public Works Department,
Bombay.



P.W.Deptt.

E.B.(I). p.p 85-90

In para.3 iv of G.L.No.9292/36-E(I),dated the 12-10-48, the S.E.,K.I.C's proposal to shift the head-qrs. of the Irrign.Projects Dn.(South) from Belgaum to Dharwar was approved, but before shifting the head-qrs., the S.E.was asked to report whether suitable accommodation is available at Dharwar for the office and residence of the Ex.Engr. and residence of ~~the~~ members of the staff. For the reasons stated p 95 in para.1 of the office note,dated the 6-1-49 and the late Dy.Secy.'s (R/B Maydeo) p 96 note,dated the 9-1-49, the shifting of the head-qrs. of the Dn. in question has been postponed till the end of March 1949, vide G.L.No.9292/36-E(I), p 103 dated the 11-1-49. The S.E. for the reasons stated in his p 107 d.o.under disposal,requests that instead of postponing the transfer of head-qrs.till the end of March 1949 the Ex.Engr. i/c of the Dn. should shift immediately with such staff as can go and that the remaining staff should shift as they get accommodation but not later than March 1949.

2. An accommodation for the Dnl.office and the residence of the Ex.Engr. is available at Dharwar. The S.E. has separately proposed to hire immediately a private bldg.at Dharwar for the Dnl.office. The draft orders approving the S.E's proposal are submitted separately. The main difficulty in shifting the head-qrs. of the Dn. immediately is now residential accommodation for the staff. The S.E. had separately proposed to hire private bldgs. or construct new bldgs. for the purpose. The latter proposal has been negatived. As regards the former proposal the S.E.was asked to make concrete proposals (G.L.No. 5641/36-E(I), dated the 20-1-49) but the proposals have not so far been recd. The staff represented that the shifting of the head-qrs.of the Dn. may be postponed till March - vide portion marked 'A' of para.4 of the S.E's letter on p. 91 ante. In this connection attention is also invited to para 2 of the Secy (I)'s note dated the 22-9-48.

3. In the circumstances orders are requested on the S.E.,K.I.C's request at 'B' ~~above~~ overleaf. BKR.29/1/491

Thro AS(I).

29/1/49.

× 31/1/49 Mgr. K 31/1/49

It is not understood how the work of the Divisional office can proceed smoothly and efficiently, if only part of the staff goes to Dharwar and the remainder is left back at Belgaum. It is therefore desirable in my opinion, if the whole entire staff shifts simultaneously at the end of March 1949 as already ordered

31/1/49

DS Secy.(9)

Has first not issued orders that transfers should not take place at odd times. Show me that Circular

Secy (I)

1/2/49

Mr. Parab 1/2/49.

Discussed with the Secy (9) × ✓ on D.O. letter no. dated 28/1/49 from the S.E/K.I.C. In view of the freight order action on above remarks of the Secy (9) is not necessary.

× ✓ 121 post

2/2/49

As the work is suffering as reported by the SE the HQ of the office may be shifted to Dharwar as proposed by SE KIC

1/2/49.

No.G-108

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 19th January 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Shifting of the Head-quarters of the Irrigation Projects Dn.(South).

Reference : Government letter, P.W.D., No.9292/36-E(I), dated the 11th January 1949.

2. Orders of Government to postpone shifting of head-quarters of Irrigation Projects Dn.(South) to end of March and that the head-quarters will be definitely shifted then, have been conveyed to that officer.

3. In the latter part of para 2 however, Government have directed that

> "He (the Executive Engineer) should find out accommodation there",

Government have not made it clear which "accommodation" they have in view i.e. whether for -

(1) the Executive Engineer's office,
(2) the Executive Engineer's residence,
or (3) the residence for staff.

So far as (1) and (2) are concerned, a building has been fixed up already by the Executive Engineer for office (Mr.Hulkoti's bungalow). The said bungalow will, however, be lost to us if we do not take possession of it immediately. The Executive Engineer was carrying on negotiations for this bungalow for the past two months. If we do not take possession of it immediately, we may not get another building in March when we want it.

4. Under these circumstances, I am directing the Executive Engineer to take immediate possession of this building for his office, unless he hears to the contrary from Government within ~~xx~~ a week of the issue of this letter.

5. This will result in Executive Engineer paying rent at both places i.e. both at Dharwar and Belgaum for his office but that cannot be helped being due to change in date of shifting.

6. Regarding (2) Mr.Kankanwadi (Executive Engineer) has also arranged a house at Dharwar for himself. As it is, he too will have to pay rent at both places - Belgaum and Dharwar and will be put to a monitary loss. I consider that he should be compensated for the same. The amount will be ascertained and communicated to Government.

6. I may please be informed whether Government want Executive Engineer to do (3) above viz. take on rent houses for his staff. Apparently Government wish to do so, as recommended by me at the end of para 3 of this office No.G-108 dated the 2nd November 1948. I am, therefore, directing the Executive Engineer to take up negotiations with owners of houses to provide accommodation for clerical and other staff, for one year.

7. If however Government do not intend to take that step, the difficulties of staff will still continue to be what they are now. For there is no possibility of the staff getting houses even by end of March unless special arrangements were made.

P.T.O.

8. In fact, mere postponing of the date of shifting without ordering the Executive Engineer to hire accommodation for staff (or building new houses for them as recommended by me under this office endorsement No.D.D.13 dated the 22nd December 1948) will leave their grievances as they are and will in fact result in at least some of the clerks at Belgaum - resigning their posts for want of accommodation at Dharwar; or even if they shift to Dharwar, they will not have the mental quiet necessary to turn out good work, as they will suffer both physically as well as mentally.

9. Government will, therefore, have to choose between -

(1) Allowing work to suffer, due to Executive Engineer's office continuing at Belgaum,

(2) Hood-winking the difficulties and hardships of the staff even if date of shifting is postponed to end of March.

The only method to avoid both is for Government to build houses for staff or to hire them till then. Failing either the only option left is .-

(3) postponing shifting till houses are available, i.e. sine di and allowing progress to suffer.

Postponing only upto end of March is not a real solution of the problem.

<u>The post-card.</u>

10. Government have called for a report on the contents of the post-card. This is sent to the Executive Engineer, Irrigation Projects Dn.(South) for comments which will be communicated in due course. Personally I think the post-card is not worthy of attention as it is anonymous and contains insinuation meant to prejudice the main issue and not based on straight forward arguments.

11. All I need do at present is to refer to para 4 (sub-para 2) of this office No.G-108 dated the 2nd November 1948, reproduced below in toto :-

> "As soon as staff of the Irrigation Projects Dn. (South) came to know of the proposed change in head-quarters of the Division, they have represented that this shift in head-quarters *should be* postponed to March 1949. I *do not* think it would make much of a difference if the shifting was postponed. But all difficulties could be solved if a building was rented by Government",

Government were kept fully informed of the difficulties of the staff and also shown the way out, viz. renting of houses by Government (and this was followed by a proposal that Government should build houses for staff, vide this office No.D.D.13 dated the 22nd December 1948). Government did not take any decision for over two months with the inevitable result that one from the affected clerks chose to follow an unfortunate course they took at last viz. anonymous letter and misleading arguments, undesirable though they are.

Sd/- N.S.Joshi,
Superintending Engineer,
Karnatak Irrigation Circle..

RGY/28.1
Compd.by:

8. In fact, mere postponing of the date of shifting without ordering the Executive Engineer to hire accommodation for staff (or building new houses for them as recommended by me under this office endorsement No.D.D.13 dated the 22nd December 1948) will leave their grievances as they are and will in fact result in at least some of the clerks at Belgaum - resigning their posts for want of accommodation at Dharwar; or even if they shift to Dharwar, they will not have the mental quiet necessary to turn out good work, as they will suffer both physically as well as mentally.

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Sd/- N.S.Joshi,
Superintending Engineer,
Karnatak Irrigation Circle..

RGY/28.1
Compd.by:

121

D.O.No.G.108

Office of the
Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 28/29 Jan.1949.

Dear Mr. Gavjar

A difficult situation has been created due to orders of Government postponing the transfer of the office of ~~the~~ the Executive Engineer, Irrigation Projects Division (South), from Belgaum to Dharwar. This has been fully explained in my letter No.G-108 dated the 19th January 1949 (copy attached) and also in my D.O.No.G-108 dated the 22nd January 1949, to you. p 115

2. As correspondence will be lengthy and as some decision must be taken immediately in view of facts noted below, I am sending Mr.Kankanwadi to Bombay to get orders.

3. The fact is that houses are difficult to get at Dharwar but even so the Executive Engineer has been successful in his negotiations for a house for office building and one for himself as his residential quarters. However, unless these houses are taken in possession immediately, they will not be available to us, and we will not then be able to shift by the end of March, as per Government orders, for want of office and residential accommodation.

I have no objection to the shifting of the Office as proposed

4. The executive Engineer made enquiries with his staff and finds that quite a majority are willing to shift immediately for the obvious reason that difficulty about houses is not likely to be solved even by postponing. In fact, if at all those going first will actually have some advantage.

5. There are a few who prefer to continue at Belgaum for two months more as their school-going children will have finished their terms and examinations by then. There should be no objection to...

Log

to this.

6. The Executive Engineer has found out some housing accommodation which along with outhouses in our offices, should be able to cater for them, till final arrangements are made.

7. Actually the Executive Engineer has little work at Belgaum due to transfer of Daddi Head Works & Ghataprabha Left Bank Canal Sub-Division to Ghataprabha Left Bank Canal Division. His work is mainly at Dharwar and actually it is suffering very seriously. The fact that the only ~~possible~~ way to proceed is to discuss points personally with me and then proceed finalizing of Plans and Estimates. But for this, long correspondence, as in the past, results in waste of time and energy and Government's funds. It would be wrong to continue this waste.

8. I therefore propose as under:-

(1) That the building for office at Dharwar should be taken over immediately; similar action for residence for the Executive Engineer.

(2) That such of the staff as are willing (not having responsibility of school-going children etc.) should shift to Dharwar. This generally covers the technical and clerical branch.

That the accounts branch should continue at Belgaum till the end of March.

The Executive Engineer will arrange matters to the convenience of his staff and in consultation with them.

9. I request that the Executive Engineer, who will explain any details required, should now be permitted to arrange as above.

Thanking you,

Yours faithfully,

P. W. D.
File No. 9292/34
9252/36
Serial No. 7595

N.P.Gurjar, Esqr.,
B.E., I.S.E.,
Chief Engr.& Secretary to Government(Irrign.),
Public Works Department, BOMBAY.

BR/28-
Compd.b

9252/36/7595

D.O.No. 9252/36-E(I). P.W.Deptt.Sec't.,
Bombay, 3rd Feb. 1949.

Dear

Your D.O.No.G.108, dated the 28th January 1949.

I was not agreeable to shift the H.Q. of the Division in the middle of year as thereby the studies of school children suffer. p. 119 this becomes a hardship in the case of low paid establishment like clerks. But some also desired that such transfers shd take place at the most suitable time.

2 As you are however existing work is suffering because of the non approval of your proposal I have approved but to no option but to agree

3 Orders regarding hiring buildings for the office of the Ex.Engr., Irrigation Projects Division (South), and for his residence at Dharwar have been issued in G.L.No.9292/36-A(I), dated the 1-2-1949,

Your proposal to shift immediately the head-qrs. of the Irrigation Projects Division (South) from Belgaum to Dharwar along with ~~such of~~ all the staff in the Divisional office ~~as are willing to shift immediately~~ is approved.

Your proposal that the Accounts Branch in the office of the Ex.Engr., Irrigation Projects Division (South), should continue to work at Belgaum till the end of March 1949 is also approved.

4 The Ex.Engr. should arrange matters ~~in consultation with, and according to~~ so as to minimise the inconvenience of the convenience of his staff.

Yours

R/B N.S. Gothi, B.E.,
I.S.E. (Ind.), M.R.San.I. (Lond.),
S.E., K.I.C.,
Dharwar.

Copy forwarded to

the F.D.,
the A.G., Bombay,

for information with reference to the correspondence ending with Govt. endt. No 9292/36-A(I), dat 1-2-1949.

BKR. 2/2/49.

Secy. (I)

Offic
Dcs (Pl. keep clean C.C.)
Information about this shift may be given on the other correspondence. Copies of D/o need not be sent to A.G.

D.O. No. 9292/36-A(I).

Public Works Department,
Secretariat,
Bombay, 3rd February 1949.

Dear P.B. | p. 121

Your D.O. No. C. 108, dated the 28th January 1949.

2. I was not agreeable to shift the Headquarters of the Division in the middle of a year as thereby the studies of school children suffer and this becomes a hardship in the case of low paid establishment like clerks. Government also desired that such transfers should take place at the most suitable time.

3. As you are however insisting that work is suffering because of the non-approval of your proposal I have no option but to agree to your proposal to shift immediately the headquarters of the Irrigation Projects Division (South) from Belgaum to Dharwar along with all the staff in the Divisional office.

4. Orders regarding hiring buildings for the office of the Executive Engineer, Irrigation Projects Division (South), and for his residence at Dharwar have been issued in Government Letter No. 9292/36-A(I), dated the 1st February 1949. p. [illegible]

5. The Executive Engineer should arrange matters so as

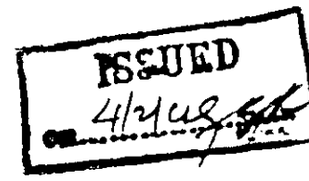
as to minimize the inconvenience of his staff.

Yours Sincerely

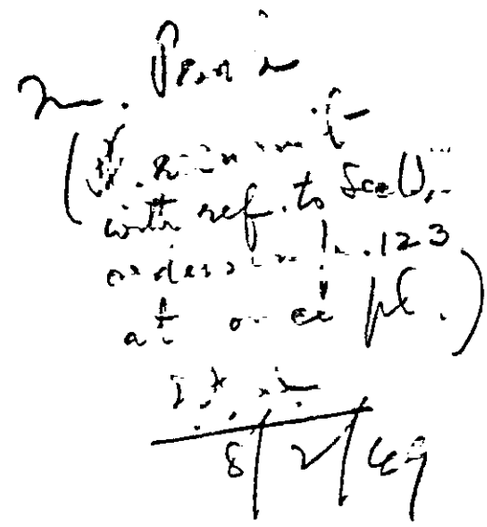
4/4/49

c/c

3 Pr.



Rao Bahadur N.S. Joshi, B.E., M.I.E.(Ind.), M.R.San.I.(Lond.),
Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar.



7 9252/36/75-95

EB (I) P.W.D.

Resubmitted with reference the Secy. (W)'s ~~endorsement~~ note dated the 2-2-49.

2. The provisional orders reg. the shifting of the head-quarters of the Irrn. Projects Sr. (South) from Belgaum to Dharwar have been issued in para 3(iv) of G.O. No. 9252/36 EB dated the 12-10-48, and have been communicated to the F.D. and the A.G. vide Govt. endt. under the G.O. refd. to above. Presumably the S.E. K.J.C. will inform Govt. when the head-quarters of the Sr. are actually shifted. On receipt of this information the P.D. and the A.G. will be informed accordingly. No action is therefore necy. on the Secy. (W)'s note refd to above for the present.

Await.

BDL
9-2-49.

4/9/2/49

Await (1-3-49).
9/12/49.

In a contributed article published under the caption
Extravagance in the Engineering Department," 'Mahitgar'
writes in the Tarun Bharat

The controlling office of the Irrigation Projects
(South Division) is going to be shifted from Dhupdal to D
This change involves waste of money in giving travelling all
to ~~his~~ the staff as the proper work is at Dhupdal and the office
is to be at Dharwar. Really speaking from the view point of
efficiency and economy all offices including the circle offices
of the Superintending Engineer should be at Dhupdal where the
canal work is inprogress. At least they should be as near Dhupd
as possible. But then how will the officers be able to get
allowances? The superintending Engineer has to visit Dhupdal
often to make personal supervision along with his personal s-taff
. Does it not cause waste of money? We cannot understand the
point in keeping the officers posted like this when there such
a lot of waste of money? Shifting of Irrigation Project office
Dharwar will not only be unsuitable to all but it will be also
very troublesome to the subordinate staff. B t who will care for
them if the higher authorities act according to their changing wh
whims?

When the office of the Ghataprabha Left Bank ~~xixDhupdax~~
Canal Division first opened at Dhupdal some 6 or 7 months ago, the
higher authorities ordered some clerks, overseers etc to attend
the office there immediately. But when they went there they found
that there was ~~neither~~ neither any office nor officers there. Does n
this fact show carelessness on the part of the officers? Besides,
the officers got comfortable quarters for residence but the
subordinate staff had to put up with a good many hardships in
the matter. The same thing is going to happen when the office is
shifted to Dharwar, as not even a single room is available th
from all point of view the shifting of the office
sheer waste of money and inconvenience to th
think th t the higher authorit
But the present Gover
look to this
Dr. Gild

Forwarded with compliments to :-

1. The Secy. to Govt., P. W.D., Bombay;
2. The P. Secy. to H.E. the Governor, Bombay;
3. The Director of Publicity, Bombay;
4. The Hon. the Premier and H.Hs.,

for information.

18 FEB 1949

Oriental Translator to Government.

27/2/

तरुण [illegible] रत

उंटावर शेळ्या हांकण्याचा कारभार!

लोखंडाच्या काळ्याबाजा[illegible] अधिकारीच जबाबदार नाहीं

बेळगांव येथें ' बिल्डिंग मटिरियल सब ऑ[illegible] असें अेक ऑफिस असून त्याच्यावर, अेका [illegible] नेमणूक करण्यांत आलेली आहे. या ऑफिसरनें, [illegible] व कारवार या तीन जिल्ह्यांतील लोकां[illegible] बांध[illegible] लागणाऱ्या लोखंडी सामानाबद्दल अर्ज घेवून ते [illegible] ऑफिसला पाठविणें, अेवढेंच काम आहे. मागणी [illegible] बिल्डिंगचा प्लॅन व त्यासाठीं लागणारा अंदाजी लो[illegible] नीट करून पाठवावा लागतो. या अर्जावर, पसंत[illegible] शिफका मिळवून, परमिट मिळण्यास, दोन महिने ते [illegible] हून सहज अधिक लागतो. शिवाय, परमिटवाल्याला हा माल [illegible] येथें रहातो, त्याच्या निवासस्थानापासून दूरदूरच्या अंतरावरून [illegible] चनिं आणावा लागतो. अितके अुपद्व्या[illegible] तर स्वाभाविकपणें, अनपेक्षित अशा क[illegible] जरुरी लागते. या किरकोळ सामानां[illegible] र पुनः महिना दोन महिने लागून, पूर्णतिस आलेलें काम, अपूरें टाकावे लागतें. अशा प्रकारे खालच्या, मधल्या आणि त्याच्यावरच्या सर्व अधिकाऱ्यांची मर्जी सांभाळून, लोखंड मिळविण्याचो कामगिरी, म्हणजे अेक भयंकर दिव्यच होवून बसतें! त्यापुढे गरेजू मनुष्य मिळेल तो दाम देवून, काळ्याबाजारांत माल खरेदी करीत असतो.

अेकाद्या नागरिकाला, गरजेकरिता दोन चार पत्रें लोखंडी सळ्या अगर तत्सम कांहीं सामान पाहिजे असले, तर त्यालाहि वरील अुपद्व्याप करावा लागतो. येथें नेमलेला ओव्हरसीअर हा नाममात्र अधिकारी असून, त्याचें काम केवळ पोष्टखात्याचें बनून रहातें. त्याला स्वतःला अशा किरकोळ बाबतींतहि, दोन चार पत्रे देण्याचा अधिकार नाहीं. मुंबअीच्या बड्या ऑफिसमध्यें बसून, दूरवरच्या गांवातील माणसांची गरज कागदोपत्रीं जाणून घेअून, त्याच्या खऱ्या खोटेपणाची शहानिशा करणें हें कितपत शहाणपणाचें ठरते? सर्व सत्ता मुंबअीच्या बड्या अधिकाऱ्यांनीं आपल्या हातीं ठेवावयाची याचा अर्थ तरी काय? अुंटावरून शेळ्या हाकण्याचा हा कारभार, काळ्या बाजाराला अुतेजन देणारा नाहीं काय? लोखंडी बाजारावर कंट्रोल आहे म्हणावा तर, आज काळ्या बाजारांत हजारों रु. किमतीचा माल मिळतो तो कसा व कोठून येतो? व त्याला हे कंट्रोल करणारे आधिकारीच जबाबदार नाहींत काय? या कंट्रोल खात्याच्या कारभारचा अजब नमुना, म्हणून अेकच अुदाहरण येथें देतों.

बेळगांव जिल्ह्यांमध्यें, अुसाचा रस कढविण्यासाठीं, काहिलींच्या पत्र्यांची अत्यंत जरूरी असते. आणि अुसाच्या भागांत याची मागणी भरपूर असणार हें स्वाभाविक आहे असें असतां ज्या भागांत अुसाचे पीकच नाहीं अशा बेलहोंगल सेंदत्तीसारख्या तालुक्याकरितां भरपूर प्रमाणांत काहिलीसाठीं पत्रे दिले जातात, आणि हेच पत्रे बेळगांवच्या काळ्या बाजारांत विक्रीसाठीं येतात, ही गोष्ट खरी आहे काय? आणि असें असेल तर त्यास कोण जबाबदार? खऱ्या प्रामाणिक व गरजू लोकांना कंट्रोलचा लोखंडी माल न मिळतां तो कोणातरी अुपटसुंभाना मिळतो यांतील अिंगित कोणतें? यामुळें काळ्याबाजारास कंट्रोलचे अधिकारीच जबाबदार आहेत असें म्हणणें प्राप्त होतें.

तरी, हा अुंटावरून शेळ्या हांकण्याचा कारभार लोकांना अुपकार नसून, अपकारकच ठरत[illegible] दिरंगाअीच्या कारभारामुळे गरजू लोक मेटाकुटी[illegible] राळेच!

इंजिनियरिंग खात्यातील उधळपट्टी!

काम धुपधाळला आणि कंट्रोलिंग ऑफिस धारवाडला!

वरिष्ठ ऑफिसरांचा भत्ता होतो पण खालच्या नोकरांचा जीव जातो!

(लेखक-माहितगार)

सुमारें १ महिन्यापूर्वी 'ऑफिसरांच्या लहरी' या मथळ्याखालीं 'अेका माहितगारानें' चिकित्सक मध्यें येथील

' इरिगेशन प्रॉजेक्टस् डिव्हिजन साउथ '

हें ऑफीस धारवाडला नेण्यांत आलें तर स्टाफची वगैरे कशी गैरसोय होअील हें सांगितलें होतें. आणि याचा परिणाम म्हणूनच कीं काय तें ऑफीस आजपर्यंत बेळगांवलाच ठेवण्यात आलें होतें. परंतु आतां अेका आठवड्याच्या आंत हें ऑफीस धारवाडला नेण्यात येणार आहे, असें समजतें. या डिव्हिजनच्या अमलाखालीं असलेल्या दोन सब्डिव्हिजन्स-मलप्रभा व घटप्रभा - राअिट् बँक-या मात्र बेळगांवलाच रहाणार! या दोन्ही सब्डिव्हिजनचे ऑफीसर, ओव्हसीअर्स सब्-ओव्हरसीअर्स यांना सर्व्हिच्या कामासाठीं महिन्यांतून बरेच दिवस धुपदाळकडे जावें लागतें. हेड्क्वार्टर्स बेळगांवला व काम धुपधाळकडे यामुळें भत्त्यापायीं खर्च मात्र विनाकारण होतो आणि आतांतर अिरिगेशन प्रा. डिव्हिजनचे हे कंट्रोलिंग ऑफीस चाललें धारवाडला! काम धुपदाळला व कंट्रोलिंग ऑफीस धारवाडला, हा प्रकार म्हणजे अुंटावरून शेळ्या हांकण्याप्रमाणेंच नव्हे काय? वास्तविक सुपरिंटेंडिंग अिंजिनीअर साहेबांच्या सर्कल ऑफीसकट सर्व ऑफीसीस धुपदाळला, जेथें कॅनॉलचें काम सुरू आहे, तेथेंच असणें कमी खर्चाच्या व कार्यक्षमतेच्या दृष्टीनें योग्य होय. तें शक्य नसल्यास निदान धुपदाळला तीं जितकीं जवळ असतील तितकीं जवळ असणें आवश्यक आहे. पण मग ऑफीसर्सना भत्ता कसा मिळणार? सुपरी. अिंजिनीअर साहेबांचें ऑफीस धारवाडला आहे. यांना धुपदाळच्या कामाची प्रत्यक्ष पहाणी करण्यासाठीं व तेथील ऑफीसरांना सूचना देण्यासाठीं वरचेवर तेथें जावें लागतें. त्यांच्याबरोबर त्यांचा कँप क्लार्क वगैरेही सरंजाम असतो. यामुळें सर्वांच्या भत्त्यापायीं पैशाचा अपव्यय होत नाहीं काय?

शिवाय धुपदाळच्या ऑफीसरांना देखील पुष्कळ वेळां वरिष्ठ साहेबांचा सल्ला घेण्यासाठीं धारवाडला पळावे लागते. अशा रीतीनेही कितीतरी पैसा विनाकारण खर्च होतो. आपले ऑफीस धारवाडला ठेवून आपण कामानिमित्त वरचेवर धुपदाळला जाण्याचे व तेथील ऑफीसरांना देखील धारवाडला बोलवावयाचें असें करण्यांत वरिष्ठ ऑफीसरांचा काय हेतू असेल; देव जाणे! वास्तविक अिरि. प्रॉजेक्टस्चें ऑफीस धारवाडला नेल्याने कोणतीहि सोय न होतां खालच्या नोकरवर्गाचे हाल मात्र होणार! पण वरिष्ट ऑफिसरांच्या लहरीपुढें कोणाचा काय अिलाज चालणार! त्यांना खालच्या नोकरवर्गाच्या सोयी गैरसोयींचो, हालअपेष्टांची सुखदुःखाची पर्वा कोठे असते? आली लहर कीं काढली आर्डर! असाच प्रकार चालतो हे पुढील हकीकतीवरून दिसून येअील.

सुमारे ६-७ महिन्यापूर्वी जेव्हां घटप्रभा लेफ्ट बँक कॅनॉल डिव्हिजनचे ऑफीस धुपदाळला प्रथम अुघडण्यांत आले तेव्हां येथील अिरिगेशन् प्रॉजेक्टस् डिव्हिजनमधील कांहीं कारकून ओव्हरसीअर्स वगैरेना तावडतोब धुपदाळला कामावर हजर होण्याबद्दल वरिष्ठ ऑफिसरानी ऑर्डर काढली. त्याप्रमाणे हे सर्व लोक धुपदाळला गेले. पण कामावर हजर कोठे होणार? कारण तेथे ना ऑफीस ना ऑफीसर! नंतर ही सर्व मंडळी पुन्हां बेळगांवला आली. दोनतीन दिवसांनीं ऑफीसरसाहेब धारवाडहून बेळगांवला आले. नंतर येथील अिंजिनीअरच्या ऑफीसांतूनच स्टेशनरी वगैरे सामान घेअून २-३ दिवसांनीं सर्व लोक धुपदाळला गेले व नन्तरच तेथें ऑफीस थाटण्यात आले. खुद्द ऑफिसर धारवाडला असतांना व धुपदाळला कांहींच नसतांना खालच्या नोकरांना धुपदाळला तांतडीने जावयास लावण्यांत वरिष्ठांची बेफिकिरी वृत्तीच दिसून येत नाहीं काय? ऑफीस थाटण्यांत आल्यावर हळुहळु बऱ्याच लोकांची धुपदाळला रवानगी करण्यांत आली. ऑफीसर राहिले आरमशीर क्वार्टर्समध्ये पण स्टाफचे मात्र अगदीं भलीकडेपर्यंत अतोनात हाल झाले! त्यांना हुकेरी स्टेशन जवळ नेवे अगदीं कंगाल लोक रहातात अशा ठिकाणीं रहावें लागलें. तेथे ना आंघोळीची सोय ना विहीर. आंघोळीस त्यांनी जावयाचें लोकल-बोर्डाच्या अुघड्या विहीरीवर. तेथे वडार वगैरे बायका पाणी ओढीत असत. त्यांच्या समोर निर्लज्जपणे अंघोळ करावयाची, व पुन्हां दोर बारदो वगैरेसह मिरवत आपल्या खोलीवर यावयाचें.

आतां धारवाडला अिरि.प्रॉजेक्टस्चे ऑफीस गेल्यावर असेच हाल होणार खास! कारण सर्व ठिकाणाप्रमाणे धारवाडला घरे तर सोडाच पंण खोल्या देखील मिळणे मुष्कीलीचे आहे. नोकरवर्गाने आपल्या मंडळीना बेळगांवला ठेवून आपण धारवाडला हॉटेलात रहावयाचे म्हटलें तर त्यांना पैसा कसा पुरावा! ऑफीस धारवाडला नेल्याने स्टाफचे व त्यांच्या कुटुंबियांचे अतोनात हाल होणार व याचा अनिष्ट परिणाम ऑफीसच्या कामावर होणार, यांत तिळमात्र संशय नाहीं. शिवाय ऑफीस धारवाडला नेल्यास, १५-२० ट्रक्स सामान भरणार व अशा रीतीने पैसा व पेट्रोल खर्च होणार, तें वेगळेंच. तेव्हां सर्व दृष्टीने पाहिल्यास अुपरिनिर्दिष्ट ऑफीस धारवाडला नेण्याने पैशाची अुधळपट्टी व स्टाफची गैरसोय मात्र होणार!

वरिष्ट अधिकारी आपण घेतलेला निर्णय बदलण्यास कांहीं बाध नाहीं. परंतु [illegible] सरकार आहे; तेव्हां गरिबांचे हाल व सरकारी अुधळपट्टी थांबविण्याचे दृष्टीने मान्यवर मंत्री गिल्डरसाहेब या प्रकाकडे जातीने लक्ष देतील अशी अपेक्षा करावी काय?

शेतकी मंत्र्यांचा बेळगांव जिल्ह्यांत दौरा

मुंबअी सरकारचे शेतकी खात्याचे मंत्री, ता. ११ व १२ फेब्रुवारी रोजीं, बेळगांव जिल्ह्यांत दौरा काढणार आहेत. हा दौरा, हुकेरी, अरभावी वगैरे विभागांत होणार आहे.

शहापुरांत ना. बांद्रेकर

मुंबई सरकारचे उपमंत्री ना. बी. एन्. बांदेकर यांनीं आपल्या येथील मुक्कामांत, शहापूर येथील सुतार व लोहार कलोत्पादक वस्तु असोशिएशनला भेट दिली. प्रदर्शन पाहून नामदारांनी संतोष व्यक्त केला. व म्हणाले कीं 'उत्पादन वाढविण्याचे कामी वैय्यक्तिक संस्थेस अगर व्यक्तीस यापुढें वाव नसून, सामुदायिक संघटनेस महत्व आहे"

गुंजी.

सर्वोदय दिन

येथील 'सर्वोदय' दिनाच्या दिवशीं श्री. ग. ल. कुलकर्णी यांनी महात्मा गांधीच्या पुतळ्यासाठीं १००-१२५ रु. खर्च करण्याचे ठरविले त्याप्रमाणे, महात्मा गांधी मोफत वाचनालय सुरू करण्यासाठीं सभेत रु. २०० वर्गणी जमली. नवसारीचे पोलिस सब-इन्स्पेक्टर श्री. अमृतराव देसाई यांनीं भाषण केले.

कारदगा.

चुलीची दुरुस्ती.

ता. २१-१-४९ च्या 'तरुण भारत' मध्ये 'सक्तीच्या शिकवण्या' या शीर्षकाखालीं प्रसिद्ध झालेली बातमी चोकशी-अंती निराधार असल्याचें समजतें. बातमीदाराने त्यासंबंधी दिलगिरी प्रदर्शित केली आहे.

गुळेद-गुड (बागलकोट)

जुगारी अड्ड्यावर अँटी करप्शनचा छापा.

ता. ३।२।४९ रोजीं बागलकोट पासून १४ मैलावर असलेल्या गुळेदगुड ठिकाणी चालत असलेल्या जुगारी अड्ड्यावर दुपारी ४ वा. अँ. क. डि. वाय. एस. पी. श्री. गुडी यानीं छापा घातला. व तेथें जुगार खेळत असलेल्या २६ आसामींना पकडले आणि. जुगाराची ५००० पांच हजार रुपयें रोख रक्कम. व. ५००० पांच हजाराचे दागीने जप्त केले.

Notice

— Quotations are invited from experienced pieceworkers for doing earthwork including cutting and embankment in connection with the construction of miles No 2 and 3 of Ghataprabha Left Bank Canal in full lengths or peacemeals and should be submitted to the Executive Engineer, Ghataprabha Left Bank Canal on or before 18th of February 1949. The work will have to be done on rate List Form which shoud be got filled in from those pieceworkers whose quotations would be approved. Copies of testimonials for having done similar work should be enclosed with the quotations Quantities of excavation in different strata and embankment together with plan and specifications can be seen on any working day during office hours. The undersigned reserves the right to reject any or all quotations without assigning any reasons.

No. A —13
Office of the Executive Engineer, Ghataprabha Left Bank Canal Division.
Dhupdal 6th February, 1949.

Executive Engineer,
Ghataprabha Left Bank, Canal Division.

[redacted] वक्तगीर माल आणविणेसाठींच
बेळगांव, धारवाड डिस्ट्रिक्टचे मोठमोठे व्यापारी
श्रीलक्ष्मी ट्रॅन्स्पोर्ट कंपनीच्याच
देलि [redacted] सर्विसमधून ओपल्या किरकोळ अगर ठोकबंद
माल मागवितात त्वरित फायदा व्हावा.
श्रीलक्ष्मी ट्रॅन्स्पोर्ट कंपनी,
हबीब बिल्डिंग समोर, कोलीवाडी मुंबई नं. ३

चित्रामध्यें- चलचित्र शांताराम निर्मित
अंधोकी दुनिया
पुढील आकर्षण:- बलिदान [मराठी चित्र]
भू:-सरोज धोरकर, गुलाब, शालिनी, विनय काळे.

रेडिओत- पहा शनि. ता. ४ प. २ रा आठ.
बलवंत फिल्म चित्र
एक्स्ट्रॉ गर्ल (Extra Girl)
सिनमासृष्टीतील उद्बोधक प्रकाश
भू:-हुस्नाग, [नवीन तार] अनंत, अहमद, राजरागणी.

[redacted]
भेमिनी चित्र (हिंदी कॉपी
-चंद्रलेखा-
रोमांचकारी साहस, नवलाईचें नाट्य, श्रुतिसुभग संगीत, दिपविणारी दृश्यें यांचा सुरेख संगम.
चंद्रलेखा * उदात् उत्कृष्ट उद्बोधक कलेचा उच्चांक पाहून थक्क व्हा * चंद्रलेखा
शनि दि. ५ फेब्रु पासून रीझमध्यें
बदललेल्या वेळा:—रोज ९॥. — जादा २। वाजतां

सिव्हिल सप्लाइज डिपार्टमेंट
बॉंबे कॅसल, ४ फेब्रुआरी १९४९

नोटीस

[redacted] GRAM / VIII-D. मुंबई प्रांतांत रेशनिंग [redacted]ल्या, चणा व मुख्य कडधान्ये यांच्या किंमती आणि चालू वर्षी, मुख्य कडधान्याच्या सरकारी [redacted]तींत दिलेली वाढ लक्षांत आणून, मुंबई सरकारनें प्रांतांतील [redacted] व इतर सर्व प्रदेशांत चागल्या दर्जाच्या सर्व साधारण [redacted] सरकारी खरेदीची किंमत ८२ ½ पौंडाच्या प्रत्येक मण [redacted] आहे त्याठिकाणीं, कायदेशीर लेव्ही मागणी [redacted] खुषीच्या तत्वावर, सरकारास [redacted] ही किंमत आकारण्यांत येईल. [redacted] सरकारकडून आणखी असेंहि जाहीर करण्यांत येतें कीं, चणा, त्याचप्रमाणे चण्याचे, चणाडाळ व बेसन, वगैरेचें साठे जरूर पडल्यास कायदेशीर रीतीनें व्यापारी, गिरण्या, साठेबाज, दलादक व इतर योजकडून ताब्यांत घेण्याचा अधिकार, सरकारकडे राहील. आणि त्यास वर दिलेल्या सरकारी दराप्रमाणें, चण्याची व त्याच प्रमाणांत चण्यापासून होणाऱ्या चणा डाळ व बेसन वगैरे पदार्थांची किंमत आकारण्यांत येईल. सरकारी खरेदीची किंमत, जुन्या अगर नव्या चण्यास पिकांच्या सर्वसाधारण चांगल्या प्रतीच्या चण्यास लागू आहे.

GDN/Tarpaulin
बेळगाव. ८-२-४९

नोटीस

तालुक्यांतील व महालांतील खरेदीच्या केंद्रांना पुरविण्यासाठी, १७१ तडपत्र्यांचा पुरवठा करण्यासाठीं सीलबंद टेंडरें मागविलीं जात आहेत टेंडरें देऊं इच्छिणाऱ्यांनीं, कलेक्टर (सप्लाय,) बेळगांव यांजकडे, ता. २० फेब्रुवारी १९४९ पूर्वी अर्ज करावेत प्रत्येक ताडपत्रीसाठीं टेंडर देणाऱ्यांनीं, कमीत कमी दर आकारावा, ताडपत्रीची लांबी १४ फूट व रुंदी १२ फूट असावी.

टेंडर स्वीकारणें अगर न स्वीकारणें याचा हक्क कलेक्टरनें आपणाकडे राखून ठेविला आहे. याबद्दल कोणतेही कारण सांगण्यांत येणार नाहीं.

ज्यांचीं टेंडरें स्वीकारण्यांत येतील त्यांनीं टेंडरे स्वीकारण्यांत आलल्या तारखेच्यानंतर १० दिवसाच आंत वर नमूद केलेल्या ताडपत्र्यांचा पुरवठा केला पाहिजे.

वर दिलेल्या मुदतींत ज्यांचें टेंडर स्वीकारण्यांत, आलें आहे. त्यानें ताडपत्र्या न पुरविल्यास, टेंडर स्वीकारल्या बद्दलचा हुकूम रद्द करण्यांत येतील.

एम. के. जाधव
कलेक्टर, बेळगांव.

No. G-80.

Office of the Superintending Engineer,
Karnatak Irrigation Circle, Dharwar,
Camp Dhupdal, 17th February, 1949.

To

The Secretary to Government,
P. W. D., Bombay.

Subject:- Criticism on transfer of Irrigation Projects Office from Belgaum to Dharwar.

Ref:- A cutting from तरुण भारत of Belgaum.

2. I enclose a cutting from the Tarun Bharat of Belgaum for your perusal. P 133

3. The article is a sample of perverse thinking. The writer is so ignorant that he is under the wrong impression that

(1) The only work of S.E. is the construction of Ghp.L.B. He does not appear to know that the office has to look after projects over all Karnatak and that Dharwar is the centre of Karnatak and not Belgaum.

(2) The Executive Engineer, Irrigation Projects Dn.(South) is the controlloing officer. The writer has no idea that the Executive Engineer I.P.Dn.(S) has all other projects to look to and not only the Ghp. L.B.C.

4. I have already written about the housing difficulties of the staff at Dharwar. They are not going to be reduced by delaying the date of shifting. The real solution lies in Government hiring houses for clerical and other staff

.....and

and bearing the difference between actual rent and a percentage of pay of staff.

5. If however Government are not prepared to bear the small difference of Rs.1,500/- per year, the clerks are bound to be sufferers both physically, mentally, as well as monitorily.

6. I therefore strongly recommend that Government should accept my proposal of hiring houses for staff.

7. Regarding difficulties of clerical staff transferred to Dhupdal, as reported already, this is a typical instance to show that Government must not stop at issuing circulars, warnings to Executive Engineer against irregularities. The Executive Engineer must also be warned that he must use his discretion to save Government money and also for convenience of works. This has been reported upon in detail already. Actually the Executive Engineer not only failed to use his discretion but caused delay even when instructed.

EB(1) 21/2

21/2

VSD.
17/2.

Superintending Engineer,
Karnatak Irrigation Circle.

P. W. D.
File No. S-220 9252/36
Serial No. 12421

Copy to

Executive Engineer, Ghataprabha L.B.C.Dn., Dhupdal.
Irrigation Projects Dn., (S) Belgaum.

D.A. Cutting from Tarun Bharat of
Belgaum dated 11-2-49.

E.B.(I). P. W. Deptt.

Submitted together with serial No. 11985.

2. The S.E.,K.I.C.,has forwarded a cutting from the issue dated the 11-2-49, of "Tarun Bharat", the Marathi bi-weekly of Belgaum, containing an article published under the caption "Extravagance in the Engrg. Deptt." Please see the summerised translation in English of the article referred to above forwarded by the O.T. to Govt.

3. The article mainly contains a complaint against the shifting of the head-quarters of the Irrigation Projects Dn. (South) from Belgaum to Dharwar. It is stated that this change in the head-quarters of the Dn. involves waste of Govt. money in giving T.A. to the staff as proper work is at Dhupdal and the head-quarters of the Dn. and of the S.E.,K.I.C., should be at Dhupdal or just near Dhupdal . It is also stated that the shifting of the head-quarters of the Dn. will cause hardships to the subordinate staff as no residential accomodation is available at Dharwar. It contains an appeal to the H.M.,P.W.D., to look into the question and prevent the hardships of the staff and wastage of Govt. money .

4. As regards the suggestion that the head-quarters of the S.E.,K.I.C., and the Ex.Engr., Irrigation Projects Dn. (South), should be at Dhupdal the S.E.,K.I.C., has explained (P. 13) that he himself and the Ex.Engr., Irrigation Projects Dn. (South), have to look after not only Ghataprabha Left Bank Canal Project , but many other projects and Dharwar, which is at the centre of Karnatak, is .....

is a suitable place for their head-quarters.

As regards the shifting of the head-quarters of the Irrigation Projects Dn. (South) from Belgaum to Dharwar attention is invited to D.O. No.9492/36E(I), dated the 3-2-49, and the proceeding underlying it. The S.E., K.I.C., has been allowed to shift the head-quarters of the Dn. from Belgaum to Dharwar as he stated that the Govt. work is sufferring because of the non-shifting of the head-quarters of the Dn., in question from Belgaum to Dharwar . He had also stated that the Ex.Engr., had found out some housing accommodations which along with the out-houses in the compounds of their offices would provide residential accommodation for the staff till final arrangements are made Vide paras 6-7 his D.O. No. G. 108, dated the 28-1-49. It has been directed that the Ex.Engr. should arrange matters so as to minimise the inconveniance of his staff --vide para 5 of D.O. No.9292/36E(I) dated the 3-2-49. The head-quarters of the Dn. have been shifted to Dharwar on the 18-2-49. In the circumstances it is for consideration whether any action is necessary on the article published in "Tarun Bharat" refd. to in para 1 above.

P.115-125

P.125-126

23-2-49

Through A.B.(I).

23-2-49.

A.B.(I)

The necessary action is being taken separately on the S.E's proposals in paras 4, 5, & 6 in the O.M. on file No. 5641/R6/9039.

28/2/49.

1/3

No action appears to be necessary on the article published in "Tarun Bharat" in the circumstances explained in the O.M.

1/3/49.

U.S.
Secy (G)
Secy (R&B)

2-3-49

P.1/3

Secy (G)
4/3/49

P.1/3

D.O.
2/-
126

9252/36
12421

Secy (R&B)
(has seen on
f. 138).

S.E.
2/3/69

H.M. P.W.D

No. G-5(c)/CR/360

Office of the Executive Engineer,
Irrigation Projects Dn. (South),
Temple View, Malmaddy,
Dharwar, 18th February 1949.

As approved by Government in their G.L.,P.W.D., No. 9252/36-E-(I) dated the 12th October 1948, the office of the Irrigation Projects Division (South) has been shifted from Belgaum to Dharwar, where it is now functioning, at the above mentioned address, from 18.2.1949 B.N.

1949.

Executive Engineer,
Irrigation Projects Dn. (South).

18/2/49

Copy forwarded with compliments for information to -

(1) The Secretary to Government of Bombay, P.W.D., Bombay,
(2) The Accountant General, Bombay,
(3) The Superintending Engineer, Karnatak Irrigation Circle, Dharwar,
(4) The Superintending Engineer, Southern Circle, Belgaum,
(5) The Superintending Engineer, Deccan Irrigation Circle, Poona-1,
(6) The Commissioner, Southern Division, Belgaum,
(7) The Collector & District Magistrate, Belgaum,
(8) The - do - , Dharwar,
(9) The Executive Engineer, Belgaum Division, P.W.D., Belgaum,
(10) The Executive Engineer, Bijapur Division, P.W.D., Bijapur,
(11) The Executive Engineer, Kanara Division, P.W.D., Karwar,
(12) The Executive Engineer, Ratnagiri Division, P.W.D., Ratnagiri,
(13) The Executive Engineer, Minor Irrigation Division, Belgaum,
(14) The Executive Engineer, Minor Irrigation Division, Dharwar,
(15) The Executive Engineer, Ghataprabha Left Bank Canal Division, Dhupdal (Via Hukeri Road),
(16) The Executive Engineer, Karnatak Sanitary Dn., Dharwar,
(17) The Executive Engineer, Irrigation Projects Division (Central), Poona-1,
(18) The Executive Engineer, Poona Irrigation and Research Division, Poona-1,
(19) The Executive Engineer, Water Resources Investigation Division, Poona-1,
(20) The S.D.O., Ghp.R.B.C.Sub-Dn., Fort, Belgaum,
(21) The S.D.O., Malaprabha ,, ,, ,,
(22) The S.D.O., Rec.I.P.Sub-Division, Dharwar,
(23) The S.D.O., Soil Research Sub-Dn., Dharwar,
(24) The S.D.O., Saddi A.W.& GLBC Sub-Dn., Belgaum,
(25) The Post Master, Belgaum,
(26) The Post Master, Dharwar,
(27) The Treasury Officer, Belgaum,
(28) The Treasury Officer, Dharwar.

======

GEK/-
Compd:

9252/36/12681 PE 142.

EB3(I) PRD

Submitted for information.

2. The draft put up may issue. After the draft is issued, the papers will be circulated to all noting Branches ~~with 2 cf~~ Two cf

22-2-49.

23/2/49

22.2.49.

14/23/2/49

EB(1)
22/2

P. W. D.
File No. 9252/36
Serial No. 12681

9252/36/12681

Below copy of endt. No. L. 5(c)/ER/300, dated the 18-2-49, from the Br. Engr., Irrn. Projects — Jr. (South), req. shifting of the head-quarters of the Irrn. Projects Jr. (South).

No. 9252/36-EC(E). P.W.D. B.C., 24th Feby. 1949.

Copy forwarded to —

all Deptts. of the Secte. (except the Separate Deptt.),

the Comm., N.D.,
the Comm., C.D.,
the El. Comm. with the Govt. of Bombay,
the S.E., B.C.,
the S.E., S.G.C.,
the S.E., N.G.C.,
the S.E., C.C.,
the S.E., E.C.,
the El. Engr. to Govt.,
the P.H.E. to Govt.,
the Housing Comm., Bldg.,
the Dir. of Agrl. Engg.,
the Architect to Govt.,

for information.

By order of the G. of B.,

Dy
23/2/49

KJS/24/2

VG/23.2.49

EEL
22-2-49

SJS
S

VS
S

No.G-(c)/CR/300.

Office of the Executive Engineer,
Irrigation Projects Division(South),
Temple View, Malmaddy,
Dharwar, 18th February 1949.

As approved by Government in their Government Letter, Public Works Department, No.9252/36-B(I), dated the 22th October 1948, the office of the Irrigation Projects Division (South) has been shifted from Belgaum to Dharwar, where it is now functioning, at the above mentioned address, from 18th Febrmary 1949 before noon.

Id/-
Executive Engineer,
Irrigation Projects Division (South).

Copy forwarded with compliments for information to -

(1) The Secretary to Government of Bombay, Public Works Department, Bombay,
(2) The Accountant General, Bombay,
(3) The Superintending Engineer, Karnatak Irrigation Circle, Dharwar,
(4) The Superintending Engineer, Southern Circle, Belgaum,
(5) The Superintending Engineer, Deccan Irrigation Circle, Poona - 1,
(6) The Commissioner, Southern Division, Belgaum,
(7) The Collector and District Magistrate, Belgaum,
(8) The -do- , Dharwar,
(9) The Executive Engineer, Belgaum Division, Public Works Department, Belgaum,
(10) The Executive Engineer, Bijapur Division, Public Works Department, Bijapur,
(11) The Executive Engineer, Kanara Division, Public Works Department, Karwar,
(12) The Executive Engineer, Ratnagiri Division, Public Works Department, Ratnagiri,
(13) The Executive Engineer, Minor Irrigation Division, Belgaum,
(14) The Executive Engineer, Minor Irrigation Division, Dharwar,
(15) The Executive Engineer, Ghataprabha Left Bank Canal Division, Dhupdal (Via Hukeri Road),
(16) The Executive Engineer, Karnatak Sanitary Division, Dharwar,
(17) The Executive Engineer, Irrigation Projects Division (Central), Poona - 1,
(18) The Executive Engineer, Poona Irrigation and Research Division, Poona - 1,
(19) The Executive Engineer, Water Resources Investigation Division, Poona - 1,
(20) The Sub-Divisional Officer, Ghataprabha Right Bank Canal Sub-Division, Fort, Belgaum,
(21) The -do- , Malaprabha -do-
-do- -do- ,
(22) The ~~xxxx~~ S.D.O., Rec.I.P.Sub-Division, Dharwar,
(23) The S.D.O., Soil Research Sub-Dn., Dharwar,
(24) The S.D.O., Daddi H.W.& GLBC Sub-Dn., Belgaum,
(25) The Post Master, Belgaum,
(26) The Post Master, Dharwar,
(27) The Treasury Officer, Belgaum,
(28) The Treasury Officer, Dharwar.

No.....

No.9252/36-E(I)

Public Works Department,
Bombay Castle, 24th February 1949.

Copy forwarded to :-

all Departments of the Secretariat (except the Separate Department),
the Commissioner, Northern Division,
the Commissioner, Central Division,
the Electrical Commissioner with the Government of Bombay,
the Superintending Engineer, Bombay Circle,
the Superintending Engineer, South Gujarat Circle,
the Superintending Engineer, North Gujarat Circle,
the Superintending Engineer, Central Circle,
the Superintending Engineer, Eastern Circle,
the Electrical Engineer to Government,
the Public Health Engineer to Government,
the Housing Commissioner, Bombay,
the Director of Agricultural Engineering,
the Architect to Government,

for information,

By order of the Governor of Bombay,

1/3/49 o/c

N. P. Gurjar,
Secretary to the Government of Bombay,
Public Works Department.

DDD.
24/2/49.

No.G-108

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 18th February 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Shifting of the Head-quarters of the Irrigation Projects Division(South).

Reference : Government letter, P.W.D., No.9292/36-A(I) dated the 1st February 1949.

2. The orders contained in the Government letter mentioned above are communicated to the Executive Engineer and he has been requested to hire Mr.Hulkoti's bungalow referred to in para 2 of this office letter No.G-108 dated the 19th January 1949 immediately. The owner of this building is willing to spare the main portion of the bungalow immediately on a rental of Rs.150/- p.m. and the remaining portion after a period of 2 months at a total rental of Rs.250/- p.m. in all. The Executive Engineer has also arranged to take over the portion mentioned above within a day or two and has arranged to shift his office partly from Belgaum to Dharwar in the portion now available in Hulkoti's bungalow. This arrangement is being given effect to agreeably with members of his office, those in Correspondence Branch and Drawing Branch being willing to shift at present and those in the Accounts Branch after a period of two months by which time they expect to overcome one of their difficulties viz. the annual examinations of their school going children.

3. The anonymous application (post-card) received with Government letter, P.W.D., No.9292/36-E(I), dated the 11th January 1949 is returned herewith. From the similarity of tone and contents in the post card and the articles published in the "Chikitsak" a Marathi weekly paper of Belgaum, the Executive Engineer reports that some subordinate serving under him who has access to official documents seems to be at the bottom of this. As already reported the anonymous application does not contain any facts worthy of consideration except that it has not been possible to arrange for accommodation for the staff, although attempts are being made in that direction by moving the District Magistrate of Dharwar. The Sub-Divisional Magistrate, First Class, Dharwar, whom the Executive Engineer personally saw for this purpose had also promised to give preference to the applications for requisitions from the members of his office. Temporary arrangements of accommodating some staff in the outhouses of my office building is also made as proposed by the Executive Engineer until they make their own arrangements or houses are made available by the District Magistrate. The contents of the anonymous post-card are baseless and hence not worthy of consideration as already reported, except for the inconvenience to staff for want of housing accommodation which cannot be overcome by delaying the shifting. The real solution is hiring of houses for them by Government and Government bearing the difference between 10% of pay and the actual rent. Even this would be only a make shift arrangement. The real solution lies in Government building houses for the staff. For, all that occurs even by Government renting out buildings for staff, is that the clerks get some accommodation but that occurs only by inconveniencing many other needy persons and results in increasing the general rents in the locality.

4. The writer of the anonymous application and the letter in "Chikitsak" (This is now followed by another complaint in the "Tarun Bharat" of Belgaum) have unfortunately thought it fit to give the subject a political colour, instead of restricting himself to actual real complaints.

P.T.O.

5. The writer of the application has no idea of dignity for labour. He appears to consider that clerks in the Divisional office are the only staff worthy of consideration. He has not given thought to the fact that the sub-divisional staff, the maistries, mustering karkuns, overseers, sub-overseers, and surveyors have to wander from village to village for surveys. Naturally the critism is destructive, narrow-minded and perverse. But that cannot be helped.

Superintending Engineer,
Karnatak Irrigation Circle.

D.A.1 post card.

9252/36/1206
13146

EB(I) P.W.D.

The main file containing the G.Os. quoted overleaf has been submitted to the Dy. Secy., the Secys. and the Hon. P.W.D. on the 23-2-49. This office will be further dealt with as soon as the main file becomes available.

26-2-49. Thro AB(I)

2/3/49

5.3.5

Addl. Bi tl Secy. 2/3/49

GBI 23/2

P. W. D.
File No. 9252/36
Serial No. 13146

To, Secy. 23/2

19/3/49

21 2 49

No. G-108 /, Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Via Dharwar, 19th March 1949.

To

The Secretary to Government,
Public Works Department,
B O M B A Y.

Subject: Territorial Changes.

Reference: Government Letter, P.W.D.No.9252/36-E(I), dated the 12th October 1948.

2. It is proposed to shift the Headquarters of the Malaprabha Sub-Division (under the Executive Engineer, Irrigation Projects Division(South)/to Dharwar, for the following reasons:-

The Malaprabha Scheme lies in an area in between Belgaum and Dharwar. The area is therefore equally approachable from Dharwar and Dharwar has, therefore,no disadvantage from that point of view as compared with Belgaum. On the other hand there are two distinct advantages:

(i) The Executive Engineer's headquarter is at Dharwar and the Sub-Divisional Officer should preferably be at the same place;

(ii) The area for canals to be surveyed is on the right bank of the river. During monsoons and floods, there is difficulty in going to the area to be surveyed,by road from Belgaum, but no difficulty exists from Dharwar;

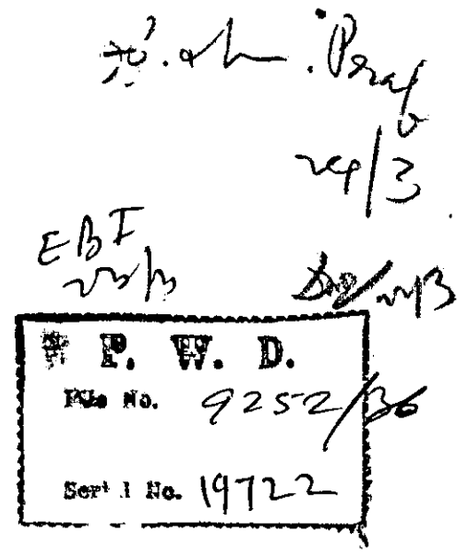
Besides this, the Asoga Project is not so much in lime light now, as the Ghataprabha Valley Project is far superior and has actually been taken up. As a result, the Sub-Divisional Officer, Malaprabha Sub-Division has actually no establishment at present, having been transferred to Ghataprabha Left Bank Canal Division.

Even after staff is available, the Executive Engineer will have to ask the Sub-Divisional Officer, Malaprabha Sub-Division only for investigation into projects other than Malaprabha and Dharwar will, as such, be most suitable as his headquarters.

3. Early orders on the change in headquarters are therefore requested.

Superintending Engineer,
Karnatak Irrigation Circle.

BR/18-3.


P. W. D.
File No. 9252/36
Serial No. 19722

9252/36/1972

EB(I) P.F.D.

Please see para 3 of p.103 of S.L. No 9292/36-E(D), dated the 11-1-49 and the note p.99 underlying it. The head-quarters of the Irrn. Projects Sn. (South) have been shifted from Belgaum to Dharwar on the 18-2-49 - vide endt. No. S.5(c)/CR/300, dated the 18-2-49, from the Ex. Engr., Irrn. Projects Sn. (South). No complaints have been received from the staff of that Sn. reg. residential accommodation at Dharwar. In view of this and in view of the SE, K.Cs letter under disposal paras 3-4 of p.147-148 no further action seems to be necy. on the Post Card. p.97-98

2. At present the head-quarters of the Malaprabha Sub Sn. of the Irrn. Projects Sn. (South) are located at Belgaum The SE, K.C. for the reasons stated in his letter p.149 under disposal proposes

that the head-quarters of this Subdn. may be shifted to Dharwar. It is for consideration whether the SE's proposal may be accepted. If so, the papers may be refd to Exhibn for its concurrence.

Thro. Addl. CE. P111;

3-5-49.

3. In para 2 of his U.O. No 9292/36-A(E), dt 1-2-49 the S.E, KIC, was informed that his request for hiring a building in advance at Dharwar for the office of the Ex. Engr, Irrgn Projects Dn (South), was approved. It will be seen from para 2 of the S.E, KIC's letter dt 18-2-49, that the total rent of Mr Kulkoli's Bungalow hired for the purpose is Rs 250 p.m. No further sanction for the money of this rent is now necessary.

P147

3/5/49.

(4) In the interest of work in Projects, it becomes very convenient if the SDO & his staff is near the E.E.'s office. Instructions are often required on project work and it saves lot of correspondance & time & energy if these are promptly available. The S.E's proposal to shift the H.Q. of the Subdn near that of the E.E's is sound & may be approved.

5/5/49

I agree with the Dy Engr (Cl).

KJ 6/5/49

6/5/49

4/5

Secy (Cl)

Secy (R&C)

U.O. to N

U.O.R. to the F.D. dated the 9-5-49.

7/5

* Pl. to deal with para 2 & concluding portion of para 3 of the U.O. to SE, KIC, No. 147 dated.

FINANCE DEPARTMENT
File No.
Date 9-5-49
Serial No. Part I

F.D. (PWRI)

Please see para 2 of the P.W.D. Memo No. 15/1-2 dt 3.5.49.

F.D. may not object to the proposed shifting of head-quarters of the Malaprabha Sub-Dn of the Irrgn. Proj. Dn. (South) from Belgaum to Dharwar.

DS (Fin) 10/5/49.

V.O.12.10 PWD dtt. 11.5.49

Perales 13/5

E(1) 12/5

DMO 13/5

EBS(I)

P.W.D.

P. No. 9252/36.
Serial No. 32029

EBI 12-5-49

Submitted with reference to this Deptt. memo dated the 9-5-49.

2. The draft pwp for approval may issue.

Thro. ABS(EJ).

13/5/49.

13/5/49

13/5/49

DS.

9252/36/3202-F

Letter.

No. 9252/36-E(D). P.W.D.

B.C., 14th May 1948

To

The Sec., K.R.C.

Sub.: Shifting of the head-quarters of the Malaprabha Sub-D.

Refce.: Your letter no. G. 108, dated the 18-3-48 (D.No.)

2. Sanction is hereby accorded to the shifting of the head-quarters of the Malaprabha Sub-D. in the Gen. Projects-Dn. (South) from Belgaum to Dharwar.

D.A.: nil.

By order of the S.G.A.,

Orders issued after consultation with Finance Department.
Notes recorded and can be seen when required.

Copy forwarded to ——

The F.D.,
The A.G. Bombay (thro. the F.D.),
The Ch. Engr., Gen. Projects Dn. (South),

for information.

RECEIVED 17/5/48

B.G. 13-5-48

J.S.

Draft to F.D. 14/5/48

Draft ... 4 ... 14/5/48

... circulate a copy ... Asst. received 21

... Yes, Secy. ... Dy. Secy. ...

VERY URGENT

No. G-40

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 9th March 1949.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: Additional Technical Staff for this Office and that of the Executive Engineer, Irrigation Projects Division(South), Dharwar and the Executive Engineer, Ghataprabha Left Bank Canal Division, Dhupdal.

Reference:-

(i) This office No.G-38 dated 8th January 1949;
also (ii) This office No.G-69 dated 17th July 1948;
(iii) This office No.G-40 dated 24th Sept.1948.

2. I request favour of immediate approval of Government to additional Technical Establishment to be attached to my office and of the two Executive Engineers in this Circle, as tabulated.

Name of office	Existing technical staff.		Additional technical staff		Total technical staff	
	Dy. Engrs.	Over-seers	Dy. Engrs.	Over-seers	Deputy Engineers	Over-seers.
1	2	3	4	5	6	7
Superintending Engineer's Office, Karnatak Irrigation Circle:	1	1	1	2	2	3
Executive Engineer Irrigation Projects Division (South), Dharwar's office:	0	1	1	2	1	3
Executive Engineer, Ghataprabha Left Bank Canal Division, Dhupdal's office:	0	1	1	1	1	2

3. I have already explained in previous correspondence the reasons for the request. The technical work in my office and also of the two Executive Engineers is increasing, and is of a standard much higher than in ordinary Circles and Divisions. We have to design Dams and choose several sites for the same. We have to fix up alignments of canals and deal with alternative alighments.

4. In the case of the Executive Engineer, Ghataprabha Left Bank Canal Division, too, the amount of Technical work

is .....

is much larger than-in.normal Divisions. This has increased enormously due to sanction of Ghataprabha Left Bank Canal. The Plans and estimates as sanctioned are in a rough form having been prepared some 25 years ago, ~~being only~~ for recasting ~~for~~ rates. Detailed plans and estimates for practically every work (except earth-work) have to be drawn out, the original plans and estimates being in the form of lump sums. Even regarding earth-work the preparation of land plans and work of land acquisition is very large.

5. If the above additional establishment is not sanctioned immediately, work is bound to suffer and be delayed. Graduate overseers available are raw and at least ~~in~~ one Deputy Engineer is essential for each Division and one additional for my office. The overseers attached to offices should have the allowance of Rs.20 per mensem.

I now request immediate approval of Government to this establishment.

Superintending Engineer,
Karnatak Irrigation Circle.

BR/7-3.

Compd.by:
13 EB

P. W. D.
File No. ~~20/48~~ 92 52 /86
Serial No. 17868

157 9252/86/17868

P&D

EB(D)

The S.E., K.D.'s proposals reg. addl. estabt. refd to us in his letter under disposal are under consideration in file nos 7624/86 and 9252/86/1945 which have been refd. up to the P&D on the 5-3-89 and the 11-3-89, respectively. The draft put up for approval may issue.

Thro. EB(E).

Sad 18/3/89

17-3-89

18

DS 21/3/89

11 c 18/3

S/T

158 A.

Letter.

No. 9252/36-E(I).

P.N.D.

Bg., 23rd March 1949.

To

The S.E., K.E.

Sub:— Addl. Tamp. Tabt. [illegible]

[illegible]

Refce: your letter no. G. 40/1, dated the 9-3-49.

2. Your proposals for the addl. technical establt. for your office and the offices of the En. Offrs. in your Circle are under the consideration of Govt.

By order of the S.E.R., DA: Nil

ISSUED
on 25/3/49

[illegible] 3/49

18/3

[illegible] P2. 24/3

D.No 21/3/49

Await in Bx. 24/3/49. 21/3/49

[illegible] back

Letter.

No.9252/34-E(I). Public Works Department,
Bombay Castle, 14th May 1949.

To

The Superintending Engineer, Karnatak Irrigation Circle.

Subject:-Shifting of the head quarters of the Malaprabha Sub-Division.

Reference: Your letter No.C.108, dated the 19th March 1949.

2. Sanction is hereby accorded to the shifting of the head-quarters of the Malaprabha Sub-Division in the Irrigation Projects Division(South) from Nargund to Dharwar.

By order of the Governor of Bombay,

for Deputy Secretary to the Government of Bombay,
Public Works Department.

D.A:-Nil.

Copy forwarded to -

the Finance Department,
the Accountant General, Bombay (through the Finance Department),
the Executive Engineer, Irrigation Projects Division (South),

for information.

8
A/14/5/49.

9254/36/32-29.

EBS(I).

P.M.

Copy overleaf of Sy L. no 9254/3(EHC), dated the 14-5-49, is circulated for for information.

23-5-49

To

SB (I) Rec'd 24/5/49

SB (II) 24-5-49

SB hrg 26/5/49

EBS (I) 27-5-49.

27-5-49

P.L. 27/5/49

URGENT.
No.G-40

Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 4. June 1949.

To

The Secretary to Government,
Public Works Department, Bombay.

Subject:- Additional Technical Establishment for the Karnatak Irrigation Circle.

Reference : This office letter No.G-40/1 dated the 9th March 1949 and Government letter, P.W.D., No.9252/36-E(I), dated the 23rd March 1949.

2. In the statement of new items of expenditure for the year 1949-50, the following additional temporary posts of overseers have been sanctioned for this Circle by Government, vide item No.50 on page 381 of the Final issue of Detailed Estimates and Explanatory Memo. of Post War Reconstruction & Development Programme for the year 1949-50 but Government formal orders are awaited on the same :-

Superintending Engineer, Karnatak Irrigation Circle's office.	2 posts
Divisional office of the Irrigation Projects Dn.(South), Dharwar	2 posts
Divisional Office of the Ghataprabha Left Bank Canal Division.	1 post.

3. I am at present receiving number of applications from the Engineering Graduates who have passed their examination this year only. If the candidates for the above 5 posts are not selected and appointed at this stage, I fear, they get jobs elsewhere and we will again be short of technical hands.

4. Provision for the 5 additional posts seems to have been made by Government in the sanctioned budget of 1949-50 under "50 Civil Works Provincial : Ordinary".

5. Government may, therefore, please be moved to give immediate approval to the appointment of the above 5 additional overseers on temporary establishment in this Circle.

Superintending Engineer,
Karnatak Irrigation Circle.

D.A.Nil

RGY/4.6
compd.by

9252/36
37377

9252/36
37377

E.B.(II). P.W.D.

Formal orders sanctioning the additional temporary posts of Overseers in the K.I.Circle included as a new item in the budget estimates for the year 1949-50 are still under print. Necy. sanction in the matter may issue as per draft put up after u.o.r. to the F.D.

Through A.B.(II).

Bmb 15.6.49 15/6/49

VSD
15/6/49

15/6/49

U.O. to F.D. dt. 16-6-49

F.D.(PWR I)

FINANCE DEPARTMENT
Fr No.
Date 17/6/49
Serial No. 13

The orders proposed by PWD may be agreed to subject to the following remarks.

21/6/49 2. It is presumed that the S.E., K.9.C. is same as the S.E., S.9.C. as mentioned in the new item of the PWR. Budget.

3. As regards para 4 of the S.E's letter, the PWD may perhaps consider it necessary to communicate to all ~~the~~ S.E's the procedure outlined in the para on "C-Establishment (i) PWR-D Programme" at p.270 of the PWR Budget

DS(PWR)

VH 23/6/49.

U.O.R. to PWD dt 23/6/49

for U.O. to PWD 23/6

9252/36/42538

P.W.D.

E.B (II).

Submitted with ref. to the usr.
dt the 16-6-49.

2. Necy orders sanctioning the addtnl
temp. posts of Overseers in the K.I. Circle
have been issued in G.C.M., P.W.D., No. P-50/30476
dt the 8-6-49. In view of this the
draft at P. 105 post need not be issued
The fresh draft put up may issue.

3. The presumption made in para 2 of
the F.D. note overleaf is correct.

Illegible
1/7/49

1/7/49

4. With Reference to para 3 of
the F.D. note overleaf, it may be
stated that the necessary orders
have already been issued vide
para 3 of the G.C.M. refd. to
in para 2 above.

5. If approved, the papers
may be shown u.o. to the F.D.
again for information with Reference
to paras. 3-4 above, after the
draft at p. 117 post is issued.

Illegible
1-7-49.

29/6.

7252/36
42538

Illegible 1/7/49

9252/36
37377

Letter.

No. 9252/36-E(I). P.W.D., B.C., June 1949.

To The S.E., I.C.

Sub:- Additional tempy. estabt.

.....

Ref:- Your letter No. G-40, dt. the 4-6-49.

2. Govt. is pleased to authorise you to fill in ~~sanction~~ the following five additional temporary posts of Overseers upto the ~~28-2-50~~, in the first instance, for the offices mentioned against them :-

Name of the office.	No. of posts.
1) The S.E., K.I.C's office.	2
2) The Ex.Engr.Irrgn.Projects Dn.(S)'s office.	2
3) The Ex.Engr.Ghataprabha Left Bank Canal Dn's office.	1

3. Formal orders in the matter will be issued along with the orders communicating the current year's estabt. grants, as the above mentioned posts are sanctioned, intr-alia, in the new item of expdr. sanctioned in the current year's budget under "50-C.W.-Estabt.".

4. Your presumption that the provision for these posts of Overseers is made under "50-C.W.-Estabt.-(Ordy.)" in the current year's budget, is correct.

By order etc.,

D.A.-Nil.

Copy forwarded to -

the F.D.,
the A.G., Bombay (thro. the F.D.),
the Ex.Engr., Irrign. Projects Dn.(S),
the Ex.Engr., Ghataprabha Left Bank Canal Division,

for information.

VSD
15/6/49

AUB
15/6/49

Dy Secy

40

9252/36/42538

Letter

No. 9252/36-E(II).

P.W.D.

B.C., 4th July 19

To

The S.E, K.9.C.

Sub:- Addnl tempy. estabt.

Ref:- Your letter No. G-40, dt the 4-6-49. P. 161

2. Orders sanctioning the addnl tempy. estabt. for the K.9. Circle have been noted in para 4 (II) of ~~G.R.~~ G.C.M., P.W.D., No P-50/30476, dt the 8-6-49.

3. Your presumption that the provision for the posts of Overseers is made under "50 - C. W. - Estabt (ordy)" in the current year's budget is correct.

D.A. Nil.

By order etc.

Issued 6/7/49

Dy. No. 1.

Letter.

No.9252/36-E(II). Public Works Department,
Bombay Castle, 19th July 194

To

The Superintending Engineer,
Karnatak Irrigation Circle.

Subject:- Continuance of temporary establishment.

Reference: Correspondence ending with Government Letter No.9252/36-E(II), dated the 1st March 1949.

2. Government is pleased to sanction the continuance of the Soil Research Sub-Division and the Reconnaisance Irrigation Projects Sub-Division and the establishment as shown in the statement accompanying your letter No. C.47, dated the 15th January 1949, for a further period of one year, upto the 28th February 1950, subject to the following remarks:-

(1) The additional temporary post of Senior Accounts clerk sanctioned in Government Letter No.7573/36-E(II), dated the 5th/10th March 1948, should be continued upto the 28th February 1950, by reducing one of the three sanctioned posts of Junior clerks.

(2) Only one post of Tapali, and not 6 posts as shown in the statement, has been sanctioned for the Soil Research Sub-Division under Government Letter No.8069/36-E(II), dated the 16th May 1947.

(3) The post of the Canal Karkun (Sub-Divisional) sanctioned in Government Letter No.P-190/32/11020-E(II), dated the 15th April 1948, for four months in Kharif season only should be continued on the same condition.

(4) The pay-scale for Augor-Cum-Guage Measurer is Rs. 46-3-70 and not Rs. 46-3-85 as shown in the statement.

By order of the Governor of Bombay,

for Secretary to the Government of Bombay,
Public Works Department.

D.A.-Nil.

Copy with a copy of the Superintending Engineer's letter with its accompaniments, forwarded to -

the Finance Department,
the Accountant General, Bombay (through the Finance Department),

for information with reference to Government Endorsement No.9252/36-E(II), dated the 1st March 1949.

S
VMW.
19/7/49.